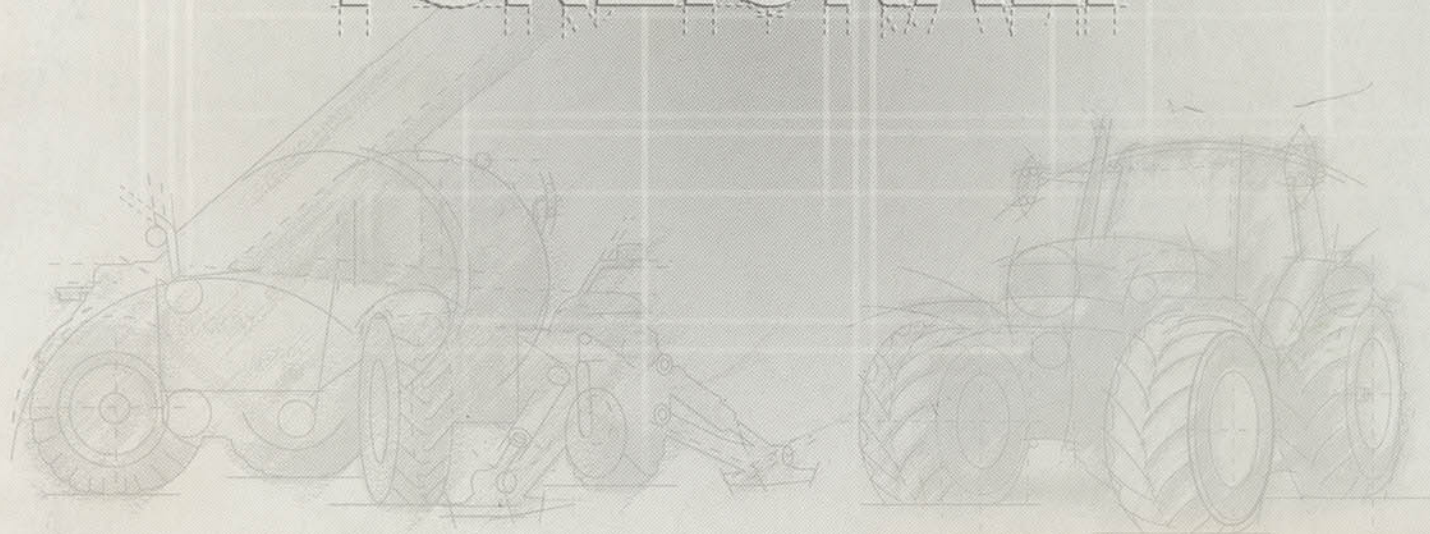


AMBRA[®]

CATALOGO LUBRIFICANTI E FLUIDI FUNZIONALI



NEW HOLLAND



NEW HOLLAND
CONSTRUCTION



MASTERGOLD HSP 10W-30

DESCRIPTION

High performance multigrade engine oil specifically developed for ensuring the maximum protection for NEW HOLLAND and NEW HOLLAND CONSTRUCTION.

CHARACTERISTICS

High dispersant power for effective control of thickening phenomena due to the soot produced by combustion, which is typical of low emission engines, consequently keeping the lubricating properties unchanged in time.

High protection against wear phenomena generated by soot, in particular at the level of the distribution system (cams, tappets, rocker arms, when present).

Excellent properties against wear caused by high mechanical loads to which the piston rings/cylinder barrel is submitted, ensuring high oil consumption control.

High stability in the long run of the neutralization properties of the combustion acids, when using fuels with a high sulphur content (up to 0.5%).

High protection against corrosion also of nonferrous materials and against foaming.



ADVICE ON USE

- Mastergold HSP 10W-30 is available in the following grading: SAE 10W-30 from -25°C to + 25°C.
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W-30, NH 324 H, ACEA E5, API CH-4, CUMMINS CES 20072/20076/20077

MASTERGOLD HSP 15W-40

DESCRIPTION

High performance multigrade engine oil specifically developed for ensuring the maximum protection for NEW HOLLAND and NEW HOLLAND CONSTRUCTION.

CHARACTERISTICS

High dispersant power for effective control of thickening phenomena due to the soot produced by combustion, which is typical of low emission engines, consequently keeping the lubricating properties unchanged in time.

High protection against wear phenomena generated by soot, in particular at the level of the distribution system (cams, tappets, rocker arms, when present).

Excellent properties against wear caused by high mechanical loads to which the piston rings/cylinder barrel is submitted, ensuring high oil consumption control.

High stability in the long run of the neutralization properties of the combustion acids, when using fuels with a high sulphur content (up to 0.5%).

High protection against corrosion also of nonferrous materials and against foaming.



ADVICE ON USE

- Mastergold HSP 15W-40 is available in the following grading:
SAE15W-40 from -15 °C to + 40 °C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 15W-40, ACEA E5, API CH-4, NH 330H, CUMMINS CES 20072/20076/20077, QFH 586EN

PREMIUM 15W-40

DESCRIPTION

Multigrade engine oil for naturally aspirated and turbocharged diesel engines of tractors and agricultural machinery.

CHARACTERISTICS

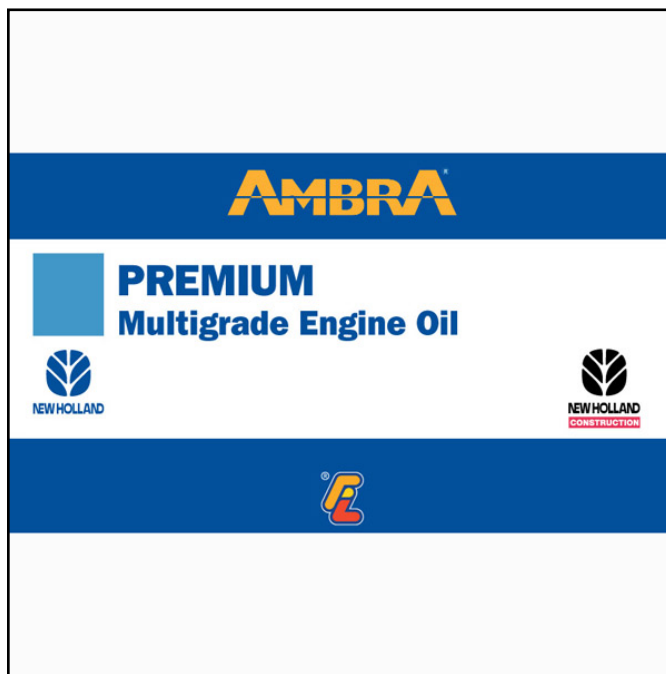
Excellent anti-wear protection even in extreme operating conditions.

High resistance to the formation of deposits and other pollutants (lacquer, sludge, etc.)

Excellent protection against corrosion caused by diesel fuel combustion residues with high sulphur content.

Ensures high and constant pressure within the lubrication circuit.

High anti-foam properties to provide top lubricating power to moving surfaces.



ADVICE ON USE

- Premium 15W-40 can be used at the following temperatures:
SAE15W-40 from -15°C to +40°C.
- For oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

SAE 15W-40, NH 330 B, API CD/SF, MIL-L-2104D

SUPER 10

DESCRIPTION

Unigrade Oil for Aspired Diesel Engines or Turbo-engines of Tractors, Agricultural Machines and Earth Mover Machines.

CHARACTERISTICS

Excellent anti-wear properties against engine wearing in any load condition.

High detergent and dispersant properties against deposits and other pollutants (lakes, sludge, etc.) generated by high working temperatures.

Excellent properties anti-corrosion against acid products deriving from Diesel fuel combustion containing residual combustion products with a high percentage of sulphur.

Excellent anti-foaming properties for ensuring maximum lubricant power to the moving surfaces.



ADVICE ON USE

- Super 10 is usable in presence of the following temperatures:
SAE 10W from -25°C to +10°C
- Replacement must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W, CCMC D4, API CE, NH 301C, MB 227.0 LEV., MIL-L-2104 E LEV.

SUPER 30

DESCRIPTION

Unigrade Oil for Aspired Diesel Engines or Turbo-compressed Engines equipping Tractors, Agricultural Machines and Earth Mover Machines.

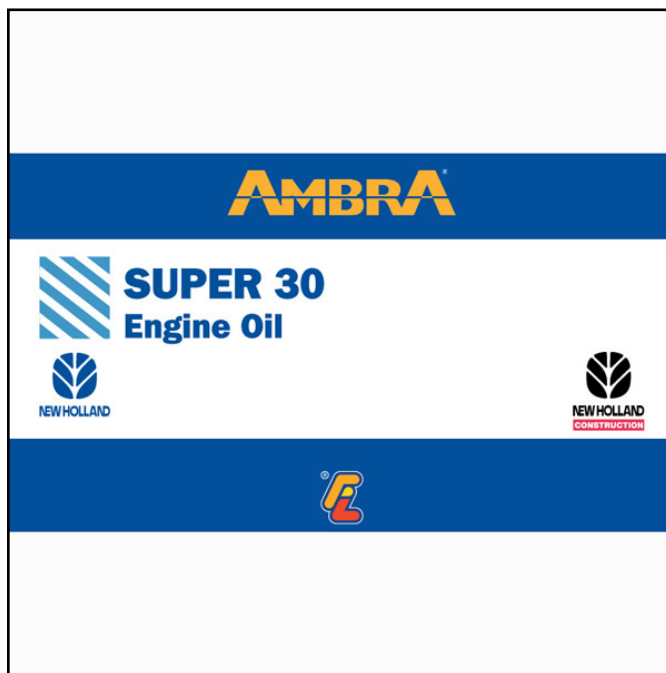
CHARACTERISTICS

High anti-wear properties against engine wearing in any load condition.

High detergent and dispersant properties against deposits and other pollutants (lakes, sludge, etc.) generated by high working temperatures.

Excellent properties anti-corrosion against acid products deriving from Diesel fuel combustion containing residual combustion products with a high percentage of sulphur.

Excellent anti-foaming properties for ensuring maximum lubricant power to the moving surfaces.



ADVICE ON USE

- Super 30 is usable with external temperatures: SAE 30 from 0°C to +25°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 30, NH 303 C, API CE, MIL-L-2104 E

SUPER GOLD 10W-30

DESCRIPTION

Multigrade Oil for Aspired Diesel Engines or Turbo-compressed Engines of any type and power mounted on Tractors, Combine Harvester, Agricultural Machines in general and Earth Mover Machines.

CHARACTERISTICS

Reduced lubricant consumption.

High thermal lubricant stability for keeping lubricating properties unchanged in the long run.

Excellent anti-wear properties against engine wearing in any load condition.

High detergent and dispersant properties against deposits and other pollutants (lakes, sludge, etc.) generated by high working temperatures.

Lubricant high viscosimetric stability for ensuring high and constant pressure in the lubrication circuit also with high temperatures.

Excellent properties anti-corrosion against acid products deriving from Diesel fuel combustion containing residual combustion products with a high percentage of sulphur.

Excellent anti-foaming properties for ensuring maximum lubricant power to the moving surfaces.



ADVICE ON USE

- Super Gold 10W-30 is usable in presence of the following temperatures:
SAE 10W-30 from -25°C to + 25°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W-30, NH 324G, API CF-4/SG, MIL-L-2104 F

SUPER GOLD 15W-40

DESCRIPTION

Multigrade Oil for Aspired Diesel Engines or Turbo-compressed Engines of any type and power, mounted on Tractors, Combine Harvester, Agricultural Machines in general and Earth Mover Machines.

CHARACTERISTICS

Reduced lubricant consumption.

High thermal lubricant stability for keeping lubricating properties unchanged in the long run.

Excellent anti-wear properties against engine wearing in any load condition.

High detergent and dispersant properties against deposits and other pollutants (lakes, sludge, etc.) generated by high working temperatures.

Lubricant high viscosimetric stability for ensuring high and constant pressure in the lubrication circuit also with high temperatures.

Excellent properties anti-corrosion against acid products deriving from Diesel fuel combustion containing residual combustion products with a high percentage of sulphur.

Excellent anti-foaming properties for ensuring maximum lubricant power to the moving surfaces.



ADVICE ON USE

- Super Gold 15W-40 is usable in presence of the following temperatures:
SAE 15W-40 from -15°C to +40°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 15W-40, API CF-4/SG, NH 330G, MIL-L-2104 F LEVEL

SUPER GOLD 20W-50

DESCRIPTION

Multigrade Oil for Aspired Diesel Engines or Turbo-compressed Engines of any type and power mounted on Tractors, Combine Harvester, Agricultural Machines in general and Earth Mover Machines.

CHARACTERISTICS

Reduced lubricant consumption.

High thermal lubricant stability for keeping lubricating properties unchanged in the long run.

Excellent anti-wear properties against engine wearing in any load condition.

High detergent and dispersant properties against deposits and other pollutants (lakes, sludge, etc.) generated by high working temperatures.

Lubricant high viscosimetric stability for ensuring high and constant pressure in the lubrication circuit also with high temperatures.

Excellent properties anti-corrosion against acid products deriving from Diesel fuel combustion containing residual combustion products with a high percentage of sulphur.

Excellent anti-foaming properties for ensuring maximum lubricant power to the moving surfaces.



ADVICE ON USE

- Super Gold 20W-50 is usable in presence of the following temperatures:
SAE 20W-50 from -5°C to +50°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 20W-50, NH 336 G, API CF-4/SG, MIL-L-2104 F

SYNTHESIS

DESCRIPTION

A synthetic multigrade engine oil for naturally aspirated and turbocharged diesel engines of any type and power units used in, tractors, combine harvesters, agricultural equipment and earth moving machinery.

A special combination of the most technologically advanced synthetic bases and additives make this an avantgarde product which is designed to ensure total protection even in the most extreme operating conditions.

CHARACTERISTICS

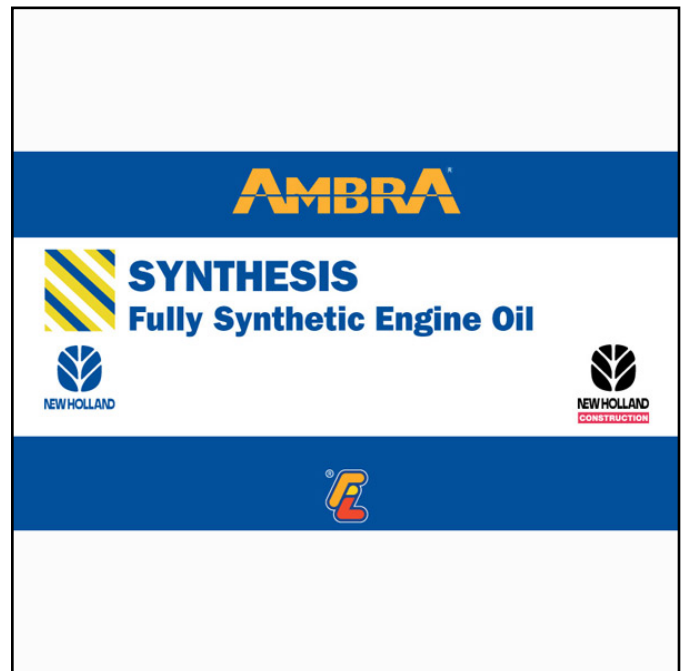
In addition to complete engine protection especially against wear and the formation of deposits AMBRA

Synthesis guarantees:

Excellent stability even at the highest temperatures consequently maintaining all its engine protection properties.

Minimized oil consumption thanks to its resistance to evaporation with the consequent reduction in harmful emissions.

Excellent fluidity at low temperatures for improved cold starting.



ADVICE ON USE

- Synthesis 15W-50 can be used at the following temperatures:
SAE15W-50 from -15°C to +50°C.
- For oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

SAE 15W-50, NH 332 HS

AXF 80W-90

DESCRIPTION

Lubricant with Extreme Pressure (E. P.) and Limited Slip (L.S.) characteristics specifically developed for axles of earth moving machines equipped with oil bath brakes and limited slip differentials.

CHARACTERISTICS

Ensures maximum efficiency of braking systems in any operating conditions and temperatures.
Eliminates possible noise produced by oil bath brakes.

Maximum anti-wear protection ensures longer life of transmission components (differentials,wheel final drives...) even when there is limited lubrication present.

The lubricant's particular viscosity allows it to reduce power loss to a minimum and enhance the axels' efficiency even at low temperatures.

Its specific formulation guarantees the lubricant's excellent thermal stability and ensures its characteristics remain unchanged even in the most extreme operating conditions, helping to reduce heat generated during severe operation.



ADVICE ON USE

AXF is available in the SAE 80W/90 grade this makes it suitable for use in all types of season. To be changed according to manufacturer's instruction.

TECHNICAL DATA

SAE 80W-90, API GL 5, MIL-L-2105 D, QFK 610/TR, Graziano/Dana approved

HYDRODEX

DESCRIPTION

Oil for hydraulic power steering, hydrostatic transmissions, torque converters and brake hydraulic commands of tractors, agricultural machines and earth moving machines.

CHARACTERISTICS

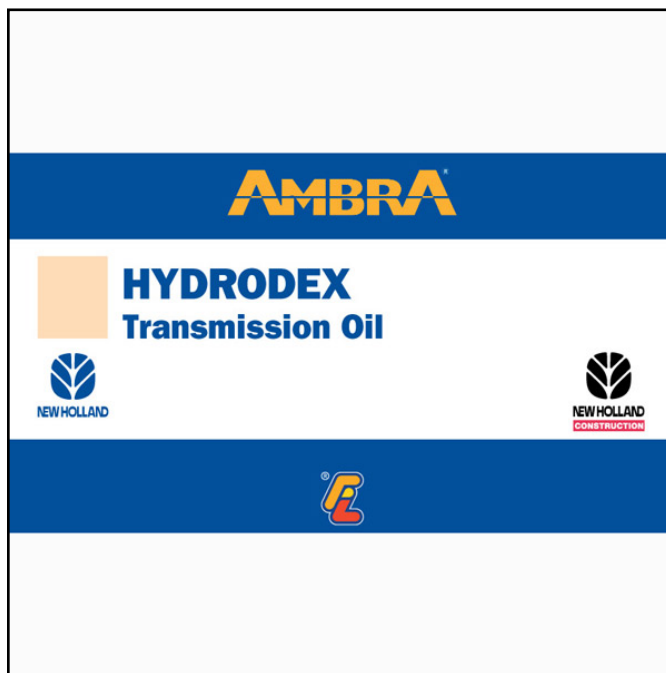
Excellent oil flowing characteristics with cold equipment to reducing power loss and improve transmission efficiency.

Excellent anti-foaming properties ensuring a maximum lubrication continuity.

Excellent anti-oxidant characteristics for a longer lubricant life.

High viscosity index to optimise servocontrol response in every operating temperature.

Excellent anti-wear properties to ensure long life of mechanical components.



ADVICE ON USE

- Hydrodex is available in the SAE 10W grading for use in every seasons of the year.
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W, NH 530 A, DEXRON II D LEVEL

HYDRODEX 3

DESCRIPTION

Oil for hydraulic power steering, hydrostatic transmissions, power-shift transmissions, torque converters and brake hydraulic commands of tractors, agricultural machinery and earth moving machines.

CHARACTERISTICS

Very high friction coefficient stability in any operating condition.

Very high fluidity at very low temperatures.

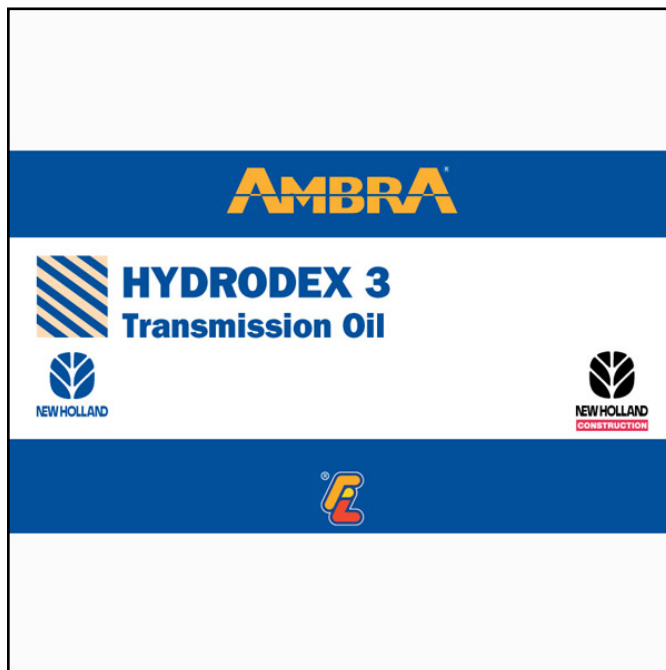
High capability of releasing air incorporated in oil during the transmission operation (air release).

Excellent anti-foaming properties ensuring the maximum lubrication continuity.

Excellent anti-oxidant characteristics for a longer lubricant life.

High viscosity index to optimise the response of the servo-controls under all operating temperature conditions.

High anti-wear properties for an improved duration of the mechanical components.



ADVICE ON USE

- Hydrodex 3 is particularly indicated for powershift transmission of loaders/excavators and backhoe loader.
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W, NH 530 B, DEXRON III, Approvato CLARK-HURTH, ZF TE-ML 03D Level

HYDROPOWER

DESCRIPTION

Oil for hydrostatic transmissions, hydraulic systems, torque converters of tractors, agricultural machinery and earth moving machines.

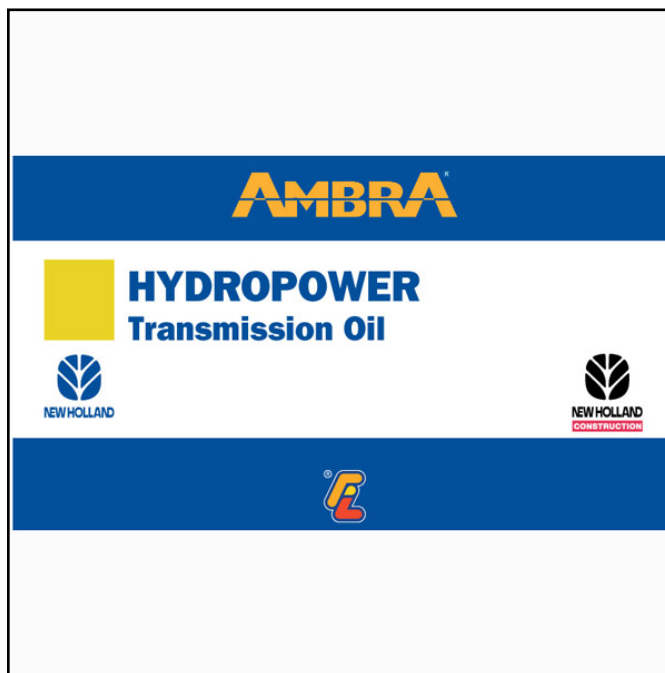
CHARACTERISTICS

Excellent flow characteristics for easy engine starting in cold equipment, reducing power loss and improving transmission system efficiency.

Excellent anti-foaming properties ensuring maximum lubrication efficiency.

High viscosity index to optimise the response of the servo-controls under all operating temperature conditions.

High wear resistance properties for an improved duration of the mechanical components.



ADVICE ON USE

- Hydropower is available in the SAE 10W grading for use in every season of the year.
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W, NH 540 B, T.A.S.A, ALLISON C4

HYPOLIDE 140

DESCRIPTION

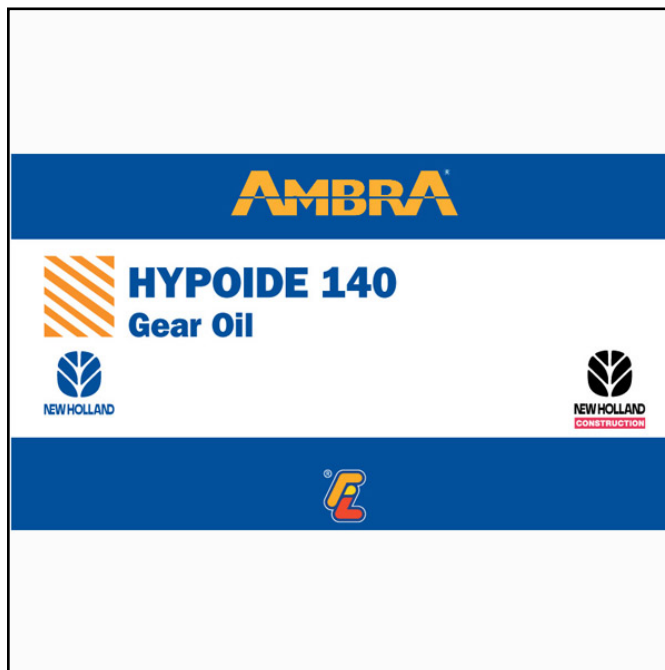
Transmission oil with Extreme Pressure (E.P.) characteristics for transmissions, hypoid gears differentials, final reduction gears, general gear control boxes for tractors, agricultural machines and earth moving machines.

CHARACTERISTICS

Excellent Extreme Pressure (E.P.) properties providing optimal protection for transmission components also in extreme lubrication conditions (at starting conditions, at load pickup phase, etc.).

High anti-foaming and demulsifying characteristics for ensuring maximum lubrication continuity and dispersion of heat.

High viscosity index for optimising smoothness under all operating temperature conditions.



ADVICE ON USE

Replacement according to Manufacturer's indications.

TECHNICAL DATA

SAE 85W-140, NH 524 A, API GL 5, MIL-L-2105 D, ZF TE-ML 05A,07A,12A

HYPOIDE 90

DESCRIPTION

Transmission oil with Extreme Pressure (E.P.) characteristics for transmissions, hypoid gears differentials, final reduction gears, general gear control boxes for tractors, agricultural machines and earth moving machines.

CHARACTERISTICS

Excellent Extreme Pressure (E.P.) properties providing optimal protection for transmission components also in extreme lubrication conditions (at starting conditions, at load pickup phase, etc.).

High anti-foaming and demulsifying characteristics for ensuring maximum lubrication continuity and dispersion of heat.

High viscosity index for optimising smoothness under all operating temperature conditions.



ADVICE ON USE

Replacement according to Manufacturer's indications.

TECHNICAL DATA

SAE 80W-90, NH 520 A, API GL 5, MIL-L-2105 D, ZF TE-ML 05A,07A,12A

HYPOIDE 90 LS

DESCRIPTION

Transmission oil with Extreme Pressure (E.P.) characteristics for transmissions, final reduction gears, normal and self-locking differentials also provided with reduced slipping systems for tractors, agriculture machines and earth moving machines.

CHARACTERISTICS

Excellent Extreme Pressure (E.P.) properties providing optimal protection for transmission controls, also in extreme lubrication conditions (at starting conditions, at load pickup phase, etc.).

High anti-foaming and demulsifying characteristics for ensuring a maximum lubrication continuity and dispersion of heat.

High viscosity index for optimizing smoothness under all operating temperature conditions.

High anti "Stick and Slip" features for ensuring the maximum effectiveness, eliminating slipping and vibrations.



ADVICE ON USE

- Hypoide 90 LS is available in the SAE 80W-90 grading for use in every season.
- Replacement procedures in accordance with Manufacturer's indications and in any case not beyond 1600 operating hours.

TECHNICAL DATA

SAE 80W-90, NH 520 B, API GL 5, MIL-L-2105 D

STF 80W-90

DESCRIPTION

Lubricant with Extreme Pressure (E. P.) and Limited Slip (L.S.) characteristics specifically developed for axles of earth moving machines equipped with oil bath brakes and limited slip differentials.

CHARACTERISTICS

Ensures maximum efficiency of braking systems in any operating conditions and temperatures.
Eliminates possible noise produced by oil bath brakes.

Maximum anti-wear protection ensures longer life of transmission components (differentials, wheel final drives...) even when there is limited lubrication present.

The lubricant's particular viscosity allows it to reduce power loss to a minimum and enhance the axels' efficiency even at low temperatures.

Its specific formulation guarantees the lubricant's excellent thermal stability and ensures its characteristics remain unchanged even in the most extreme operating conditions, helping to reduce heat generated during severe operation.



ADVICE ON USE

STF is available in the SAE 80W/90 grade this makes it suitable for use in all types of season. To be changed according to manufacturer's instruction.

TECHNICAL DATA

SAE 80W-90, API GL 5, MIL-L-2105 D, Graziano/Dana approved

TRX 80W-140

DESCRIPTION

Multipurpose lubricant for earthmoving machine axles, also with wet brakes.

CHARACTERISTICS

Excellent viscosimetric properties at low temperatures which make it ideal in particularly harsh weather conditions (down to -25 °C).

High antiwear properties and stability of the lubricating film, also under high loads, for longer gear life.

Prevents noise in wet brakes due to the stability of the friction characteristics.

Prevents corrosion and the formation of deposits on gears and brake disks.



ADVICE ON USE

TRX comes in grade SAE 80W-140 suitable for use all year round. Change according to the Manufacturer's instructions.

TECHNICAL DATA

SAE 80W-140, API GL 4, QFK 600/TR

TX FLUID

DESCRIPTION

Multipurpose lubricant for transmissions with heavily loaded hypoid gears, also with wet brakes, of earthmoving machines.

CHARACTERISTICS

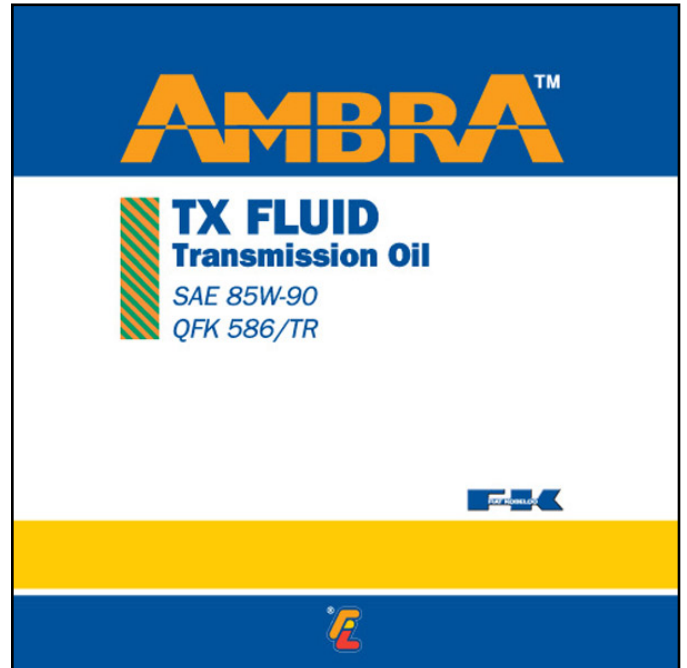
Excellent capability to reduce the operating temperature in the gear unit, thereby increasing gear life.

Warrants perfect effectiveness of the braking system while eliminating any wet brake noise.

Outstanding antiwear properties for longer life of the transmission components (differentials, final drives, etc.) also under limit lubrication conditions.

High viscosity index to optimise the efficiency of the axle under all operating temperature conditions and to reduce power absorption.

High thermal stability which ensures a constant quality level of the lubricant in the toughest conditions of use.



ADVICE ON USE

TX Fluid comes in grade SAE 85W-90 suitable for use all year round. Change according to the Manufacturer's instructions.

TECHNICAL DATA

SAE 85W-90, API GL 5, QFK 586/TR

VT SPECIAL

DESCRIPTION

Oil specific for continuous variation transmissions of tractors and agricultural machines.

CHARACTERISTICS

Constant control of the clutch. An optimal traction on transmissions of the continuous variation type (CV) is obtained in any operating condition.

Excellent anti-wear protection against gear wearing occurring during pickup and full load.

High compatibility with materials composing the clutch discs.

Excellent viscosimetrical stability for ensuring retention of protective features even in the most severe conditions.

High and constant pressure in the lubrication circuit.



ADVICE ON USE

- VT SPECIAL oil is available in the following grading: SAE 10W-40 (from -25°C to + 40°C, ambient temperature).
- Replacements procedures must be performed in accordance with Manufacture's indication.
- Do not mix with other products.

TECHNICAL DATA

SAE 10W-40, NH 526C, ISO VG 32/46, API GL 4, MIL-L-2105 Level, ZF TE-ML 06B,06D,06F,07B

MASTERTRAN

DESCRIPTION

Specific fluid for hydraulic transmission systems, final reduction gears, oil bath brakes, for New Holland and New Holland Construction equipment.

The only product satisfying MAT 3505 specifications.

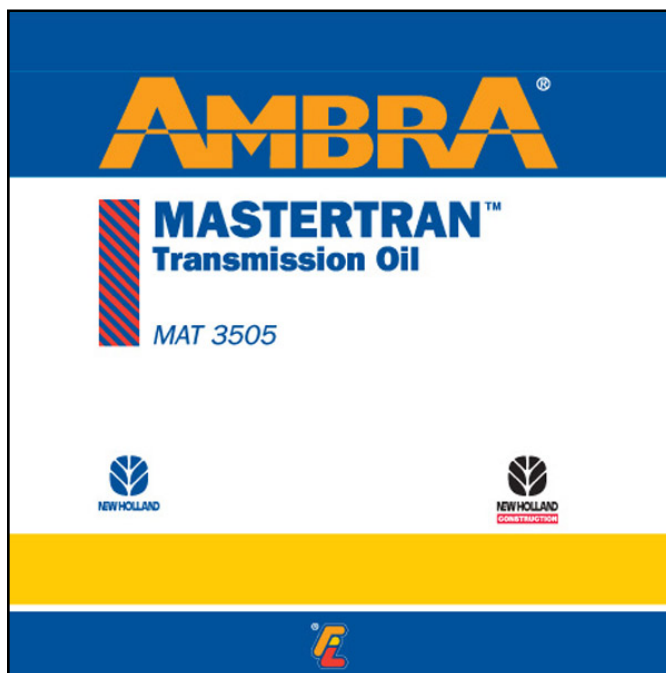
CHARACTERISTICS

High anti-wear properties for the protection of the hydraulic system components, of gears and of all transmission elements as well.

High friction features to ensure optimal effectiveness of the brake and clutch equipment, with absolutely no noise.

Excellent stability to water and filtration capability, ensuring the protection of the hydraulic system against corrosion and the abrasive action of any possible residual swarf.

High viscosity stability to optimise the performance under all operating conditions.



ADVICE ON USE

- Thanks to its special formula, MASTERTRAN can be used all year round.
- Do not mix with other products
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

MAT 3505

MULTI BIO

DESCRIPTION

Synthetic base biodegradable multi-functional oil (U.T.T.O.) for use in every type of gear box, including powershift and shuttle-shift, rear transmission with oil bath brakes, lateral reducers, wheel reducers, differential gears, hydraulic lifter, driving pulley, mechanical and hydrostatic guide or tractors power steering, agricultural machines in general and earth moving machinery.

CHARACTERISTICS

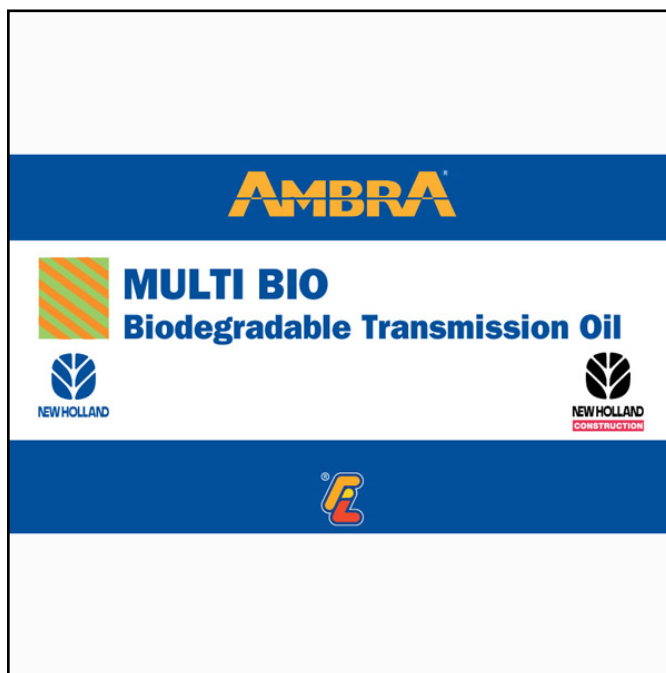
The functional characteristics of the product (anti-wear properties, antistick and slip characteristics, cold flowability, thermal stability, etc.) are enhanced by its special formulation, which uses biodegradable synthetic components and specific friction modifiers.

The use of these particular components ensures the extremely high biodegradability and eco-compatibility required to pass the most demanding testing process:

BIODEGRADABILITY >90% (according to CEC-L-33-A-93/28 days method).

ECO-COMPATIBILITY with Weeds (OECD 201), Daphnia (OECD 202), Fishes (OECD 203).

Meets VAMIL (NL) requirements.



ADVICE ON USE

- Multi Bio 10W-30 is amenable to the category of low environmental impact products and is available in the SAE 10W-30 grading on all agricultural machines in every season of the year and in all types of use.
- It is particularly effective in the applications where the environmental risk is extremely pronounced.
- Replacement procedures in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W-30, NH 410 BS, ISO VG 32/46, API GL 4, ZF TE-ML 06 G level

MULTI F

DESCRIPTION

Multi-purpose transmission oil (U.T.T.O) for use on tractor transmissions and hydraulic systems in gearboxes, rear transmissions with oil immersed brakes, side final drives, wheel final drives, differentials, hydraulic systems, drive pulleys, mechanical and hydrostatic drives.

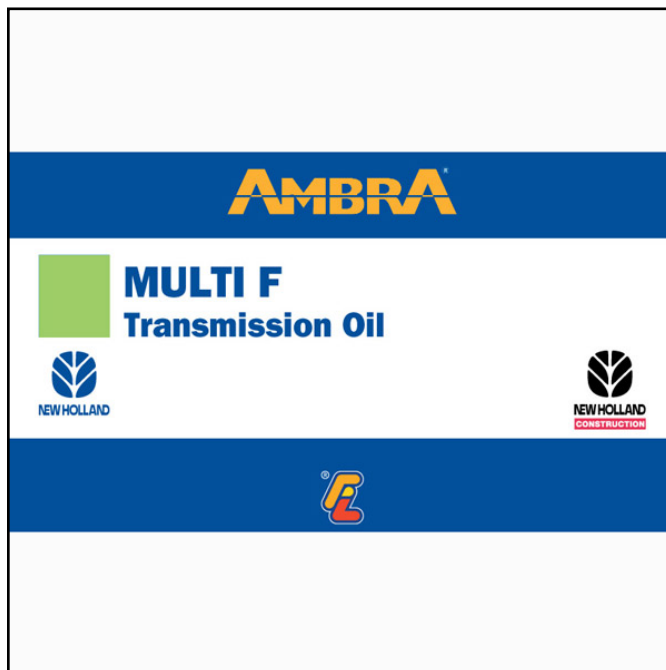
CHARACTERISTICS

Excellent anti-wear properties even in the most demanding and low RPM operating conditions .

High anti-stick & slip properties in order to assure top braking efficiency.

High viscosity index to optimise servo control response at any operating temperature.

Improved fluidity at cold temperatures to reduce power absorption and improve hydraulic circuit performance.



ADVICE ON USE

- Multi F is available in SAE 20W-30 grades for use during any season of the year.
- For oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

SAE 20W-30, NH 420 A, API GL 4, ISO VG 46/68

MULTI G

DESCRIPTION

Multi-purpose transmission oil (U.T.T.O) for use on tractors, agricultural equipment and earth moving machinery. Suitable for use in traditional gearboxes, Power-Shift and Shuttle-Shift gearboxes, rear transmissions with oil bath brakes, side final drives, wheel final drives, differentials, hydraulic hoists, drive pulley, mechanical and hydrostatic drives, and power steering units.

CHARACTERISTICS

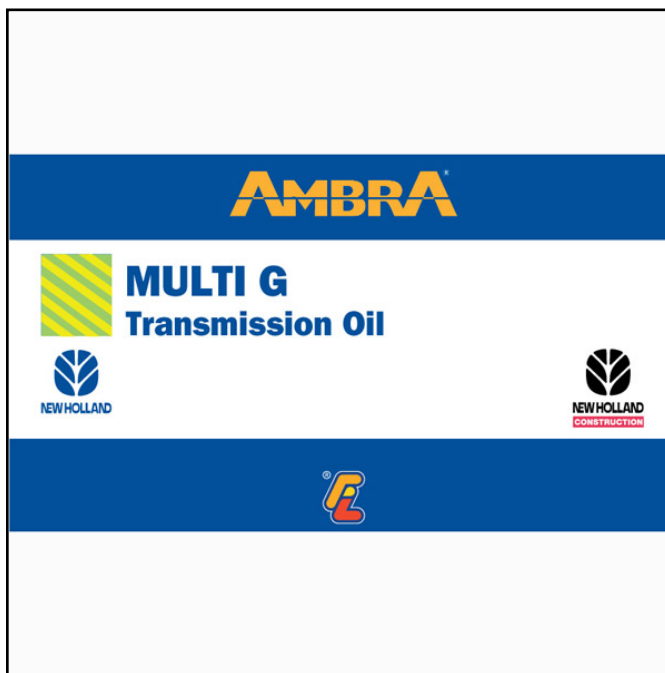
Excellent anti-wear properties even in the most demanding and low RPM operating conditions.

Excellent anti-stick & slip features in order to ensure top braking efficiency.

High viscosity index to optimise servo control response at any operating temperature.

High lubricant thermal stability in order to assure a high and constant pressure in the lubricating circuit.

Improved fluidity at low temperatures to reduce power absorption and improve hydraulic circuit performance.



ADVICE ON USE

- Multi G is available in SAE 10W-30 grade for use during any season of the year.
- For oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

SAE 10W-30, NH 410 B, API GL 4, ISO VG 32/46, ZF TE-ML 03 E

UNIVERSAL 10W-30

DESCRIPTION

Universal oils (STOU) for the lubrication of intake diesel engines or turbo-compressed, transmissions, oil immersed brakes and hydraulic systems of tractors and agricultural machinery in general.

CHARACTERISTICS

Excellent anti-wear protection against engine wearing down in any load condition; gearing is also protected in phase of pickup and in full load conditions.

High levels of engine cleaning from deposits and from the other pollutants (lakes, sludge, etc.) originated by working in high temperatures.

Excellent protection against corrosion caused by diesel fuel residual combustion products containing a high percentage of sulphur.

High and constant pressure in the lubrication circuit.

Excellent flow characteristics for easy engine starting in cold equipment, reducing power loss and improving hydraulic system efficiency.

High braking effectiveness.



ADVICE ON USE

- UNIVERSAL 10W-30 oils are available in the following grading:
SAE 10W-30 from -25°C to +25°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 10W-30, NH 024 C, ISO VG 32/46, MIL-L-2104 E LEV., MIL-L-2105 Level, API CE, API GL 4, ZF TE-ML 06B,07B

UNIVERSAL 15W-30

DESCRIPTION

Universal oils (STOU) for the lubrication of intake diesel engines or turbo-compressed, transmissions, oil immersed brakes and hydraulic systems of tractors and agricultural machinery in general.

CHARACTERISTICS

Excellent anti-wear protection against engine wearing down in any load condition; gearing is also protected in phase of pickup and in full load conditions.

High levels of engine cleaning from deposits and from the other pollutants (lakes, sludge, etc.) originated by working in high temperatures.

Excellent protection against corrosion caused by diesel fuel residual combustion products containing a high percentage of sulphur.

High and constant pressure in the lubrication circuit.

Excellent flow characteristics for easy engine starting in cold equipment, reducing power loss and improving hydraulic system efficiency.

High braking effectiveness.



ADVICE ON USE

- UNIVERSAL 15W-30 oils are available in the following grading:
SAE 15W-30 from -15°C to +25°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 15W-30, NH 028 C, ISO VG 46, MIL-L-2104 E LEV., MIL - L -2105 LEVEL, API CE, API GL 4, ZF TE-ML 06B,07B

UNIVERSAL 15W-40

DESCRIPTION

Universal oils (STOU) for the lubrication of intake diesel engines or turbo-compressed, transmissions, oil immersed brakes and hydraulic systems of tractors and agricultural machinery in general.

CHARACTERISTICS

Excellent anti-wear protection against engine wearing down in any load condition; gearing is also protected in phase of pickup and in full load conditions.

High levels of engine cleaning from deposits and from the other pollutants (lakes, sludge, etc.) originated by working in high temperatures.

Excellent protection against corrosion caused by diesel fuel residual combustion products containing a high percentage of sulphur.

High and constant pressure in the lubrication circuit.

Excellent flow characteristics for easy engine starting in cold equipment, reducing power loss and improving hydraulic system efficiency.

High braking effectiveness.



ADVICE ON USE

- UNIVERSAL 15W-40 oils are available in the following grading:
SAE 15W-40 from -25°C to +25°C
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

SAE 15W-40, NH 030 C, ISO VG 46/68, MIL-L-2104 E LEV., MIL-L-2105 Level, API CE, API GL 4, ZF TE-ML 06B,07B

HI-TECH 46

DESCRIPTION

Lubricant with high index of viscosity for the hydraulic controls of earthmoving machines.

CHARACTERISTICS

Outstanding antiwear properties to warrant longer life of the hydraulic circuit.

High antifoam and demulsifying properties to ensure the utmost lubricating continuity and heat dispersion.

High index of viscosity to optimise the response of the servocontrols under all machine operating temperature conditions.

Excellent antioxidant properties for longer lubricant life.



ADVICE ON USE

Hi-Tech 46 comes in grade ISO-VG 46 for use all year round with outside temperatures from -20°C a + 50°C. Change according to the Manufacturer's instructions.

TECHNICAL DATA

ISO VG 46, DIN 51524 PART 1 e 2, QFK 583/HD

HYDROSYSTEM 32

DESCRIPTION

Hydraulic oil for combine harvester hydraulic systems, agricultural machinery in general and earth moving machinery.

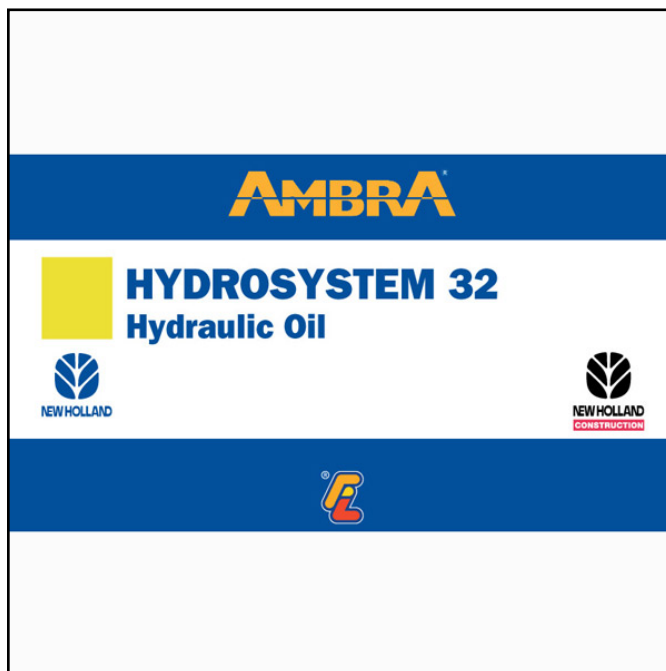
CHARACTERISTICS

High anti-wear properties for an improved duration of the hydraulic circuit.

Excellent anti-oxidant characteristics for a longer lubricant life.

Excellent anti-foaming and demulsifying properties providing a maximum lubrication continuity and optimum heat exchange.

High anti-rust characteristics to protect the system against water contamination.



ADVICE ON USE

- Hydrosystem 32 is available in the ISO VG 32 grading for use with external temperatures from -25°C to +20°C.
- Replacement procedures must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

NH 632, ISO VG 32, DIN 51524 PART 2

HYDROSYSTEM 46 BIO - S

DESCRIPTION

Synthetic base biodegradable oil with a high viscosity index for hydraulic systems for combine harvesters, agricultural machinery in general and earth moving machines.

CHARACTERISTICS

Highly biodegradable for preventing ambient contamination in the event of circuit leakage.

High viscosity index for optimising servo control equipment response in any operating temperature conditions.

Low fluid flowing point for use in the most adverse environmental conditions.

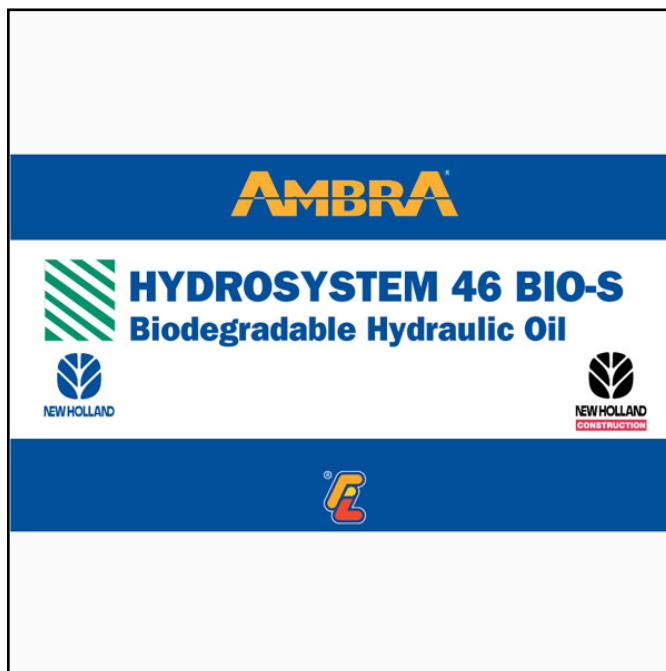
Excellent anti-wear properties for longer life of the hydraulic circuit.

Excellent anti-rust properties ensuring the maximum protection for the system components from the effects of dampness or humidity.

Good anti-oxidant characteristics for a longer lubricant life.

Good anti-foaming and demulsifying properties providing maximum lubrication continuity and optimum heat exchange.

Total compatibility with the gasket materials to provide optimum system performance.



ADVICE ON USE

- Hydrosystem 46 Bio-S is usable in environmental temperatures from -30°C to +40°C.
- Replacement process procedure in accordance with Manufacturer's indications.

TECHNICAL DATA

ISO VG 46, DIN 51524 PART 2 HV 46, NH 646 BS

HYDROSYSTEM 46 BIO - V

DESCRIPTION

Vegetable based biodegradable Oil with a high viscosity index for use on hydraulic systems of tractors, combine harvesters, agricultural equipment and earth moving machinery.

CHARACTERISTICS

High Biodegradability to help prevent environmental pollution in case of leaks.

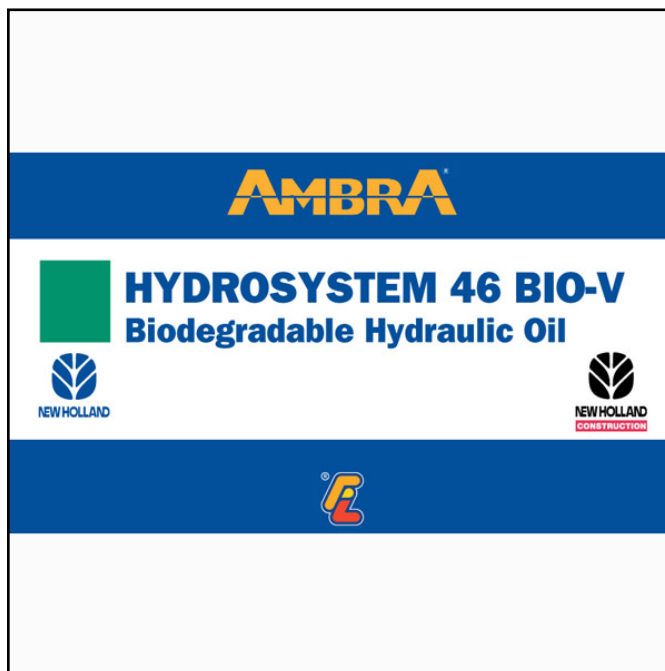
High viscosity index to optimise servo control response at any operating temperatures.

Excellent anti-wear features for a longer hydraulic circuit lifetime.

Excellent antirust properties to protect system components from the harmful effects caused by humidity.

High anti-foam and anti-demulsifying properties in order to guarantee constant lubrication and maximum heat dispersal.

Full compatibility with gasket components for an optimal circuit seal lifetime.



ADVICE ON USE

- Hydrosystem 46 Bio-V can be used at external temperatures ranging from -20°C to +40 °C.
- For oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

NH 646 BS, ISO VG 46, DIN 51524 PART 2 HV 46 (except ASTM D 943)

HYDROSYSTEM 46 HV

DESCRIPTION

High viscosity index oil for high-pressure hydraulic and hydrostatic systems, agricultural machinery in general and earth moving machines.

CHARACTERISTICS

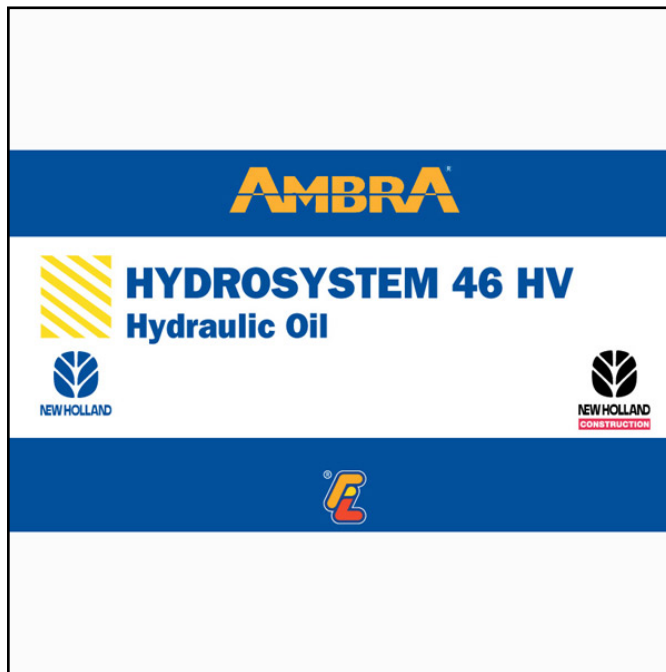
High anti-wear properties for a longer life of the hydraulic circuit.

Excellent anti-oxidant characteristics for a longer lubricant life.

Good anti-foaming and demulsifying properties providing maximum lubrication continuity and optimum heat exchange.

High viscosity index for optimising servo control equipment response in any operating temperature conditions.

Excellent anti-rust properties ensuring the maximum protection for the system components from the effects of dampness or humidity.



ADVICE ON USE

- Hydrosystem 46 HV is usable in environmental temperatures from -20°C a +40°C. This product helps to eliminate starting problems in cold climates and problems with wear and tear in warm climates.
- Replacement process in accordance with Manufacturer's indications.

TECHNICAL DATA

NH 646 H, ISO VG 46, DIN 51524 PART 2 HV 46

HYDROSYSTEM 68

DESCRIPTION

Oil for hydraulic systems in tractors, combine harvesters, agricultural equipment and earth moving machinery.

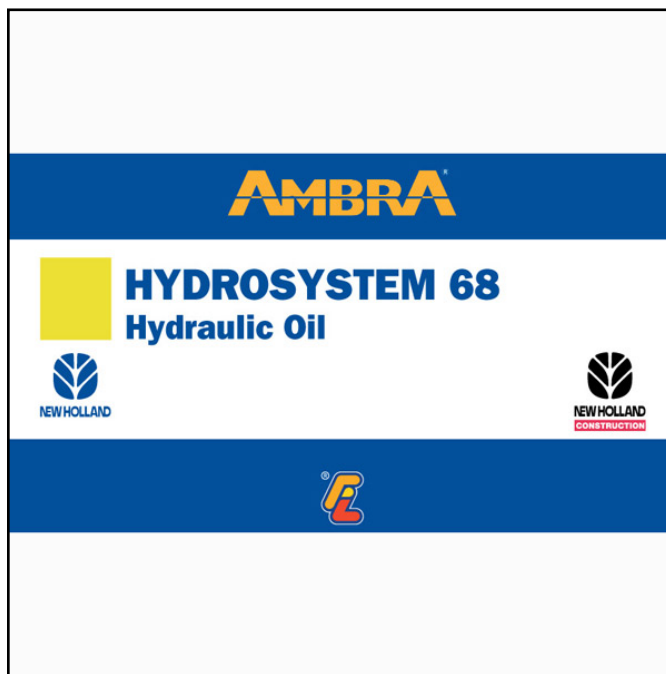
CHARACTERISTICS

High anti-wear properties for a longer hydraulic circuit lifetime.

Excellent antioxidant features to increase the life time of your lubricant.

Excellent anti-foam and anti-demulsifying properties to ensure constant lubrication and maximum heat dispersal.

High anti-rust properties for system protection in the event of water contamination.



ADVICE ON USE

- Hydrosystem 68 is available in an ISO VG 68 grade for use in external temperatures ranging from 0°C to +50 °C.
- For Oil change intervals please comply with manufacturer's recommendations.

TECHNICAL DATA

NH 668, ISO VG 68, DIN 51524 PART 2

GR 75 MD

DESCRIPTION

Multipurpose grease treated with lithium soap and molybdenum bisulphide. Specific grease specifically designed for use on mechanical parts under heavy loads.

CHARACTERISTICS

Excellent E.P. (Extreme Pressure) features for ensuring mechanical members resistance when submitted to heavy duties.

High dripping point for use in machine members operating at very high temperatures.

Excellent mechanical stability for minimising dispersion of the grease and consequent oil leakage.

High anti-wear and lubricating properties.

High resistance against oxidation extends the life of the grease.

High water resistance for an improved waterproofing condition (against water washout action).



ADVICE ON USE

- GR 75 MD is available in the NLGI 2 grade for use in every season of the year.
- Replacements procedures in accordance with Manufacture's indications.

TECHNICAL DATA

NLGI 2

GR 9

DESCRIPTION

Extreme Pressure multipurpose lithium soap and calcium grease for wheel hub bearings and grease compression cups employed on tractors, agricultural machines and earth moving machines.

CHARACTERISTICS

High mechanical stability to minimise the dispersion of the grease and consequent oil leakage at operating temperatures.

High oxidation resistance for an improved grease life.

High dripping point for use in parts operating at high temperatures.

High adhesiveness for preventing losses in the stirring or centrifugation phase.

Excellent pumping ability for an improved distribution of lubricating product.

Excellent resistance to water dilution and washout.

High anti-wear properties to extend the life of the mechanical parts.



ADVICE ON USE

- GR 9 is available in the NLGI 2 grading for use in every year seasons.
- Replacement procedures in accordance with Manufacturer's indications.

TECHNICAL DATA

NH 710 A, NLGI 2

GR EXP

DESCRIPTION

Multipurpose grease specifically designed to guarantee high extreme pressure (E.P) resistance to mechanical parts of earth moving machines.

CHARACTERISTICS

Its specific formulation guarantees it high Extreme Pressure (E.P) characteristics and very low friction levels resulting in maximum protection of lubricated mechanical parts preventing wear of lubricated parts even in the most extreme operating conditions. Special additives make GR EXP highly adhesive and therefore water resistant. GR EXP's characteristics remain in grade over time thanks to its high resistance to oxidation.



ADVICE ON USE

GR EXP's NLGI 2 specification makes it suitable for use in all types of season. To be changed according to manufacturer's instructions.

TECHNICAL DATA

NLGI 2, QFK 587/GR

GRS PLUS

DESCRIPTION

Multipurpose grease with high resistance to water specifically formulated for earthmoving machines. Particularly suitable for use in central lubricating systems, also at low temperatures.

CHARACTERISTICS

High resistance to the washing action of water (also at high temperature and/or salty).

Effectively counters the corrosive action of water.

Excellent Extreme Pressure (E.P.) and antiwear (A.W.) properties to ensure resistance of the mechanical parts subjected to heavy loads.

High pumpability to ensure the utmost effectiveness of the central lubrication system.

Excellent mechanical stability to minimise fluidification and the resulting leakage of oil.

Outstanding grip to avoid leaks during vibration and centrifugation.

High compatibility with seals to ensure longer life.



ADVICE ON USE

GRS Plus comes in grade NLGI 2 for use all year round. Change according to the Manufacturer's instructions.

TECHNICAL DATA

NLGI 2, QFK 586/GR

MG2

DESCRIPTION

Multipurpose grease based on lithium and molybdenum bisulphate with high A.W. and E.P. properties, specifically formulated for greasing mechanical parts subjected to heavy loads, particularly for pressure grease dispensers and wheel hubs of earthmoving machines.

CHARACTERISTICS

Outstanding Extreme Pressure (E.P.) and antiwear (A.W.) properties to ensure the resistance of mechanical parts subjected to high loads.

Low friction coefficient to ensure longer life of the parts lubricated.

High drop point for use in parts with high operating temperatures.

Excellent mechanical stability to minimise fluidification and consequent oil leakage.

High resistance to oxidation and to water for longer life of the grease and improved resistance to the washing action of water.

Outstanding grip to avoid leaks during vibration and centrifugation.

High compatibility with elastomers to ensure longer seal life.



ADVICE ON USE

MG 2 comes in grade NLGI 2 for use all year round.
Change according to the Manufacturer's instructions.

TECHNICAL DATA

NLGI 2, QFK 585/GR

BRAKE LHM

DESCRIPTION

Mineral base oil green in colour, specific for hydraulic control of brakes and clutches equipping tractors and earth moving machines.

CHARACTERISTICS

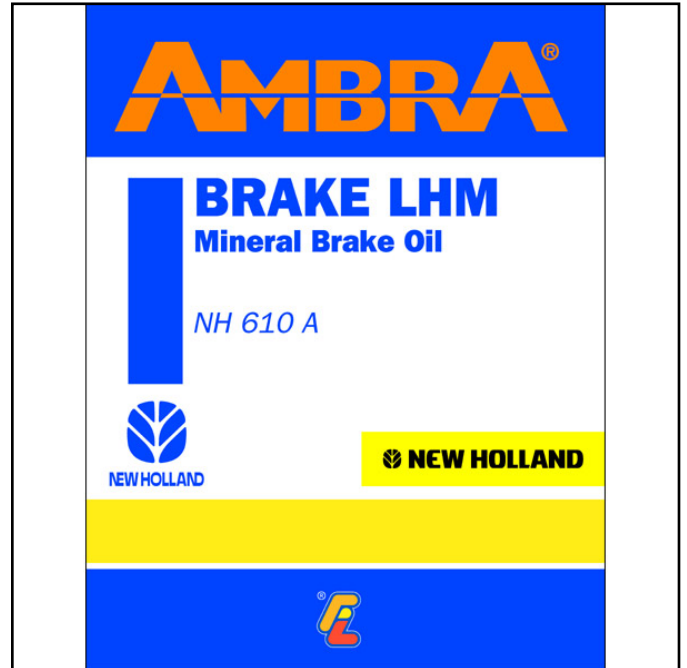
Low fluid flowing point for use in the low environmental temperatures.

Excellent properties against corrosion, rust and oxidation processes for protection of components (metal and non metal) composing the system.

High compatibility with all types of seals and gaskets.

High chemical stability even in the most severe conditions of thermal stress.

BRAKE LHM is not compatible with hydraulic brake fluids of a synthetic make and should never be intermixed with.



ADVICE ON USE

Replacement process procedure must be performed in accordance with Manufacturer's indications.

TECHNICAL DATA

ISO 7308, NH 610 A

SYNTFLUID 4

DESCRIPTION

Synthetic base Brake Fluid for Agricultural Machines and Earth Mover Machines Braking Systems.

CHARACTERISTICS

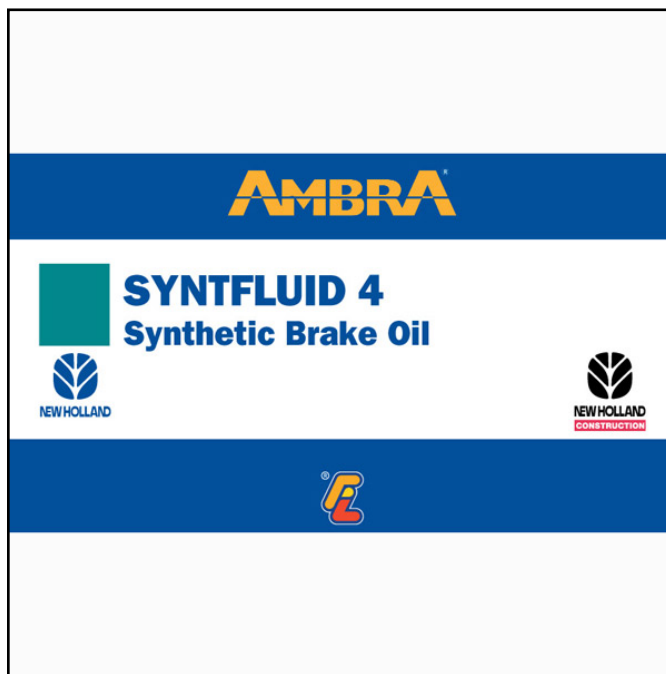
High boiling point. This prevents “vapour lock” phenomenon (presence of vapour bubbles in the braking circuit).

Low flowing point fluid for use in the low environmental temperatures.

Excellent properties against corrosion, rust and oxidation processes for protection of components (metal and non metal) composing the system.

High compatibility with caoutchouc material and gaskets.

High chemical stability for ensuring inalterability in the most severe conditions of thermal stress.



ADVICE ON USE

Replacement procedures must be performed in accordance with Manufacturer's indications and in any case every year at least.

TECHNICAL DATA

FMVSS 116 - DOT4, SAE J1703, SAE J1704, ISO 4925, CUNA NC 956-01, NH 800 A

AGRIFLU

DESCRIPTION

Concentrated antifreeze coolant fluid for use in engines of tractors, agricultural machinery in general and earth moving machines.

CHARACTERISTICS

AGRIFLU, mixed with 50% of water ensures:

a real exchanging ability of removing heat caused by the combustion process.

Maximum effectiveness against the following:

- freezing action up to -38°C;
- formation of limescale;
- overheating during hot periods;
- corrosion of all metal components in the cooling circuit;

High compatibility with rubber and plastic materials present in the circuit is ensured as well.



ADVICE ON USE

- For a correct use of the product follow Manufacturer's indications and replace in any case every two years.
- Always mix the product with 50% of water when topping-up the reservoir, in order to restore fluid level to the correct concentration.
- Do not use the product concentrated.
- Do not mix products of different origin or make.

TECHNICAL DATA

NH 900 A

AGRIFLU MIX

DESCRIPTION

Antifreeze-coolant fluid ready for use on engines of tractors, agricultural machines in general and earth moving machines.

CHARACTERISTICS

AGRIFLU MIX ensures:

a real exchanging ability of removing heat caused by the combustion process.

Maximum effectiveness against the following:

- freezing action up to -38°C;
- formation of limescale;
- corrosion of all metal components of the cooling circuit;

high compatibility with rubber and plastic materials present in the circuit is ensured as well.



ADVICE ON USE

- For a correct use of the product follow Manufacturer's indications and replace in any case every two years.
- Do not dilute by adding water.
- Topping up to level must be performed by using the same product. Do not mix product of different brand or origin.

TECHNICAL DATA

ASTM D 4656

HNS 2001

DESCRIPTION

Friction coefficient modifier additive.

CHARACTERISTICS

High anti-stick & slip properties.
Outstanding countering of noise in hydraulic cylinders.



ADVICE ON USE

Add 1 litre of H.N.S. 2001 in the hydraulic reservoir. Operate the machine for 5-10 minutes. If the noise continues, add another litre and operate the machine for another 10 minutes. If the noise persists contact the Service Centre. Soluble and compatible with the hydraulic fluids used normally.
Warning: the product may only be used in hydraulic circuits mixed with the normal specified hydraulic fluid.

SUPER FLUID

DESCRIPTION

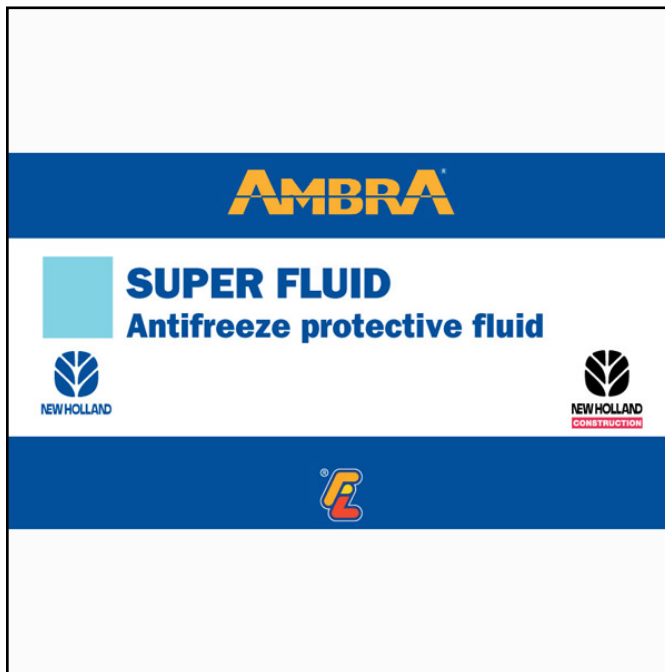
Anti-freeze protective fluid for compressed air-braking systems of tractors, agricultural equipment and earth moving machinery.

CHARACTERISTICS

Low freezing point for use at very low external temperatures (up to -40 °C).

Excellent anti-corrosion, anti-rust and anti-oxidation properties for component protection (metal and non-metal) of braking system.

Full compatibility with rubber and gasket components, to prevent swelling or operation of sleeves (rubber or plastic material) and of seals.



ADVICE ON USE

To be used in compliance with Manufacturer's recommendations.

TECHNICAL DATA

NH 202 A