

Arbor®



Oli multigradi

Oli unigradi

Oli trasmissione

Oli idraulici

Antigelo

Grassi

**Catalogo lubrificanti
e fluidi funzionali**

ARBOR ALFAPRIME 10W-30 Cod. 3636

DESCRIPTION

Low SAPS lubricant for the new generation low emission engines of tractors, other farming and earthmoving machines, including those equipped with exhaust gas re-circulation or after treatment systems (EGR; SCR; diesel particulate filter DPF). Also perfectly suitable for engines with traditional technology.

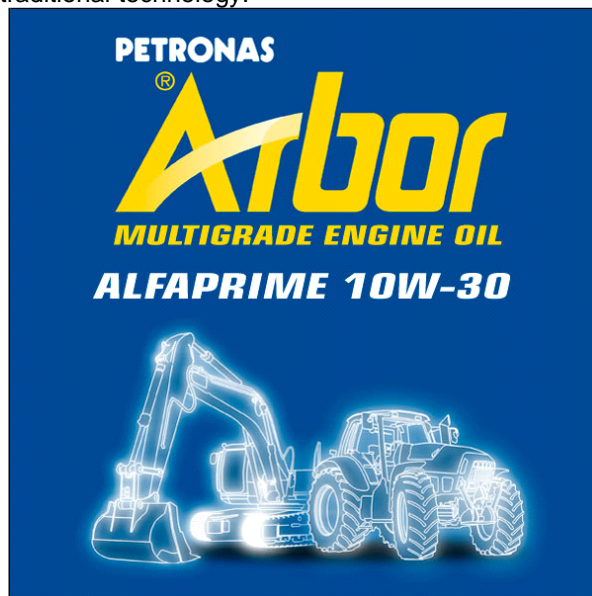
CHARACTERISTICS

The special formulation of ARBOR ALFAPRIME allows:

> full compliance with Tier 4 standards that set highly stringent emission limits

> high protection, during their ageing, of exhaust systems fitted with DPF also due to the low ash content.

- The use of specific additives allows excellent control of lubricant thickening caused by the soot generated by combustion
- Stay- in- grade in all operating conditions, even the harshest. This is the resistance of an oil to viscosity variations.
- Excellent anti-wear and anti-corrosion properties.
- High Oxydation Stability.
- It enables quick lubrication in cold starts, which helps to improve engine protection



ADVICE ON USE

The SAE 10W-30 viscosimetric grade allows the use of ARBOR ALFAPRIME for environment temperatures between - 25°C and + 25 °C.

Oil drain interval (ODI) according to Manufacturer's instructions.

TECHNICAL DATA

SAE 10W-30, ACEA E7/E9, API CJ-4,
Caterpillar ECF-3 / ECF-2 / ECF-1a,
DETROIT DIESEL 93K218, MACK EO-O PREMIUM PLUS-07,
MAN M3575, MB-Approval 228.31, RENAULT RVI RLD-3

ARBOR ALFAPRIME 15W-40 Cod. 3637

DESCRIPTION

Low SAPS lubricant for the new generation low emission engines of tractors, other farming and earthmoving machines, including those equipped with exhaust gas re-circulation or after treatment systems (EGR; SCR; diesel particulate filter DPF). Also perfectly suitable for engines with traditional technology.

CHARACTERISTICS

The special formulation of ARBOR ALFAPRIME allows:

> full compliance with Tier 4 standards that set highly stringent emission limits

> high protection, during their ageing, of exhaust systems fitted with DPF also due to the low ash content.

- The use of specific additives allows excellent control of lubricant thickening caused by the soot generated by combustion.
- Stay-in-grade in all operating conditions, even the harshest. This is the resistance of an oil to viscosity variations.
- Excellent anti-wear and anti-corrosion properties.
- High Oxidation Stability.



ADVICE ON USE

The SAE 15W-40 viscosimetric grade allows the use of ARBOR ALFAPRIME for environment temperatures between - 15°C and + 40 °C.

Oil drain interval (ODI) according to Manufacturer's instructions.

TECHNICAL DATA

SAE 15W-40, ACEA E7/E9, API CJ-4,
Caterpillar ECF-3 / ECF-2 / ECF-1a,
CUMMINS CES 20081, DETROIT DIESEL 93K218,
DEUTZ DQC III-10-LA, MACK EO-O PREMIUM PLUS-07,
MAN M3575, MB-Approval 228.31, RENAULT RVI RLD-3

ARBOR ALFATECH 10W-30 Cod. 3654

DESCRIPTION

This is a multigrade engine oil that warrants high performance levels of new-generation tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Its special formulation allows Alfatech 10W-30 to exceed the highest international specifications for heavy duty diesel engines, i.e.: API CH4 and ACEA E5.

Therefore, this lubricant warrants high operating performance for the new-generation engines which must also meet the stringent limits imposed by international standards in terms

of emissions. The fulfilment of these standards is obtained through effective control of the thickening caused by the particular combustion features of low-emission engines, especially the formation of soot.

Remarkable protection is also offered against the wear caused by the soot itself.

>> Compliance with API CH4 and ACEA E5 specifications allows Alfatech 10W-30 to contribute to the need to lengthen the interval between changes, thereby reducing machine down times. Indeed, Alfatech 10W-30 offers prolonged and constant protection of the engine against the wear caused by high operating loads.

ADVICE ON USE

The SAE 10W-30 viscosimetric grade allows the use of Alfatech for environment temperatures between – 25°C and + 25 °C.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 10W-30, API CI-4/CH-4, ACEA E7/E5,
MB-Approval 228.3,
CUMMINS CES 20078/20077/20076/20072,
MIL-L-2104 E (level)



ARBOR ALFATECH 15W-40 Cod. 1024

DESCRIPTION

This is a multigrade engine oil for high performance of new-generation tractors, other agricultural machines and earthmoving machinery.

CHARACTERISTICS

>> Its special formulation allows Alfatech 15W40 to exceed the international specifications for heavy duty diesel engines API CI-4 and ACEA E7. Therefore, this lubricant optimizes the operating performance for the new-generation engines which must also meet the stringent limits imposed by international standards in terms

of emissions. The fulfilment of these standards is obtained through effective control of the thickening caused by the particular combustion features of low-emission engines, especially the formation of soot. Remarkable protection is also offered against the wear caused by the soot itself.

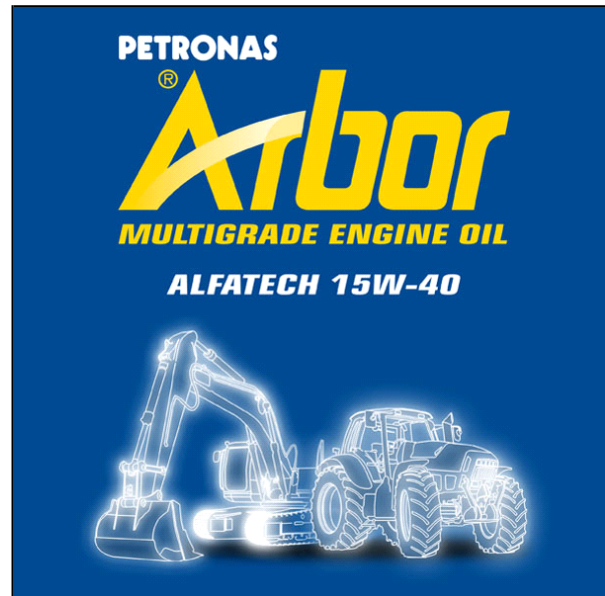
>> Compliance with API CI-4 and ACEA E7 specifications allows Alfatech 15W-40 to contribute to the need to lengthen the interval between changes, thereby reducing machine down times. Indeed Alfatech 15W-40 offers prolonged and constant protection of the engine against the damage caused by combustion acids and the wear caused by high operating loads.

ADVICE ON USE

The SAE 15W-40 viscosimetric grade allows the use of Alfatech for environment temperatures between – 15°C and + 40 °C. Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 15W-40, API CI-4/CH-4, ACEA E7/E5, CAT ECF-1, CUMMINS CES 20071/72/76/77, MACK EO-N, MB 228.3 Performance, MAN M3275, MTU OIL TYPE 2, RENAULT RVI RLD Performance, VOLVO VDS-3



ARBOR ALFATECH SYNT 10W-40 Cod. 3640

DESCRIPTION

Multigrade engine oil formulated with synthesis technology that warrants top performance levels of new-generation tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

The synthesis technology and viscosimetric grade, combined with exceeding the maximum international specifications, API CH4 and ACEA E5, make Alfatech Synt 10W-40 an engine oil with unique features and performance levels among the specific engine oils for tractors, farm machines and earthmoving machinery.

>> Synthesis technology allows Alfatech Synt 10W-40 to preserve its outstanding performance features unchanged over a longer period of time than a standard engine oil which last until it is changed and consist of:

- maintaining stable viscosimetric characteristics;
- maximum reduction of lubricant consumption;
- high cleansing of the lubricated mechanical components.

>> Among other things, compliance with API CH4 and ACEA E5 specifications, helps the new generation engines to meet the stringent limits imposed by international standards in terms of emissions. The fulfilment of these standards is obtained through effective control of the thickening caused by the particular combustion features of low-emission engines, especially the formation of soot.

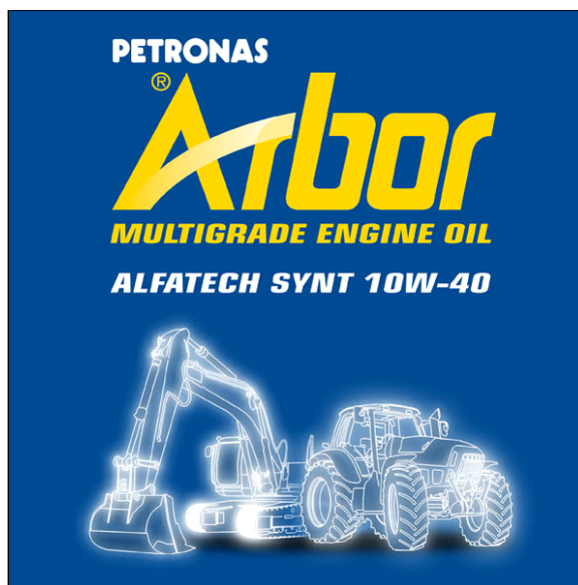
>> Its special formulation also makes it possible to lengthen the interval between changes.

ADVICE ON USE

The SAE 10W-40 viscosimetric grade allows Alfatech Synt 10W-40 to warrant the above performance levels in a broader environment temperature range than engine oils with standard features (15W-40). In fact, Alfatech Synt 10W-40 can be used all year round. Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 10W-40, API CI-4/CH-4, ACEA E7/E5,
CUMMINS CES 20071/20072/20076/20077/20078,
GLOBAL DHD-1, MACK EO-M Plus, MB-Approval 228.3,
MAN M3275, MTU OIL TYPE 2,
RENAULT VI RLD-2 Performance, VOLVO VDS-3



ARBOR POWER 4T Cod. 1028

DESCRIPTION

Lubricant specifically for the four-stroke motors of lawn mowers and gardening machinery of every type and power rating.

CHARACTERISTICS

- The use of selected additives warrants high protection against wear of the motor components, reducing friction during operation.
- Also remarkable are its cleansing and dispersing properties which keep the motor parts clean and lengthen its life.
- Power 4T warrants perfect compatibility with the motor seals.
- Its formulation allows it to maintain its functional characteristics unchanged over time, thereby reducing consumption of the lubricant itself.
- Low ash content that helps to keep the piston crown clean and prevent preignition.
- Motor protection when working is ensured by high antiwear properties, protection during inactivity is assured by high antirust and antioxidant properties.



ADVICE ON USE

Power 4T can be used for unleaded petrol or diesel motors.
Change according to the manufacturer's instructions.

TECHNICAL DATA

SAE 30, API SG/CD, CCMC G4/PD2

ARBOR POWER MIX 2T Cod. 1030

DESCRIPTION

Synthetic-based lubricant, specifically for the two-stroke motors of chain saws, clippers, hedge shears and gardening machinery in general.

CHARACTERISTICS

>> The special formulation that combines a synthetic base with special additives allows it to boast the high performance features described below.

>> Excellent mixability that ensures homogeneous distribution of the fuel.

>> Low ash content that helps to keep the piston crown clean and prevent preignition.

>> Protection of the motor during operation is guaranteed by high antiwear properties, protection during inactivity is ensured by high anti-rust and antioxidant properties.

>> High cleansing power that warrants cleaning of the compression rings and exhaust ports preventing scaling.

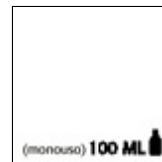
>> Power Mix is also suitable for mufflers and its formulation makes it possible to reduce deposits on them besides obtaining low smoke at the exhaust.

ADVICE ON USE

Replace according to the manufacturer's instructions.

TECHNICAL DATA

API TC, JASO FC, ISO L-ECG



ARBOR SUPER 15W-40 Cod. 3641

DESCRIPTION

Multigrade engine oil for tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Super 15W-40 warrants outstanding engine protection meeting the needs that arise when it is operating, owing to the characteristics described below.

>> Its formulation makes it possible to cleanse and disperse the pollutants originated at high temperatures which develop inside the engine when it is running, such as for example : lacquers and sludge.

>> This is joined by protection against the wear of moving mechanical parts and constant, high pressure in the lubrication circuit.

ADVICE ON USE

The SAE 15W-40 viscosimetric grade allows the use of Super 15W-40

for environment temperatures between
– 15°C and + 40 °C.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 15W-40, API CF-4/SG,
MIL-L-2104 F Performance



ARBOR SUPER 20W-50 Cod. 3642

DESCRIPTION

Multigrade engine oil for tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Super 20W-50 warrants outstanding engine protection meeting the needs that arise when it is operating, owing to the characteristics described below.

>> Its formulation makes it possible to cleanse and disperse the pollutants originated at high temperatures which develop inside the engine when it is running, such as for example: lacquers and sludge.

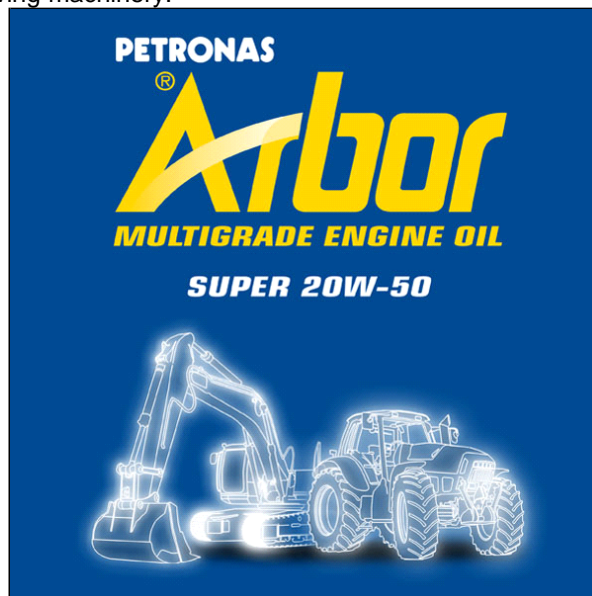
>> This is joined by protection against the wear of moving mechanical parts and constant, high pressure in the lubrication circuit.

ADVICE ON USE

The SAE 20W-50 viscosimetric grade allows the use of Super 20W-50 for environment temperatures between -5°C and $+50^{\circ}\text{C}$. Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 20W-50, API CF-4/SG, MIL-L-2104 F Performance



ARBOR SUPER 40 Cod. 3643

DESCRIPTION

Monograde engine oil for tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Super 40 warrants the protection of the engine of machines operating in conditions where particular protection against low temperatures is not required.

>> Its formulation ensures protection of the engine against the typical pollutants caused by combustion and an effective antiwear action.

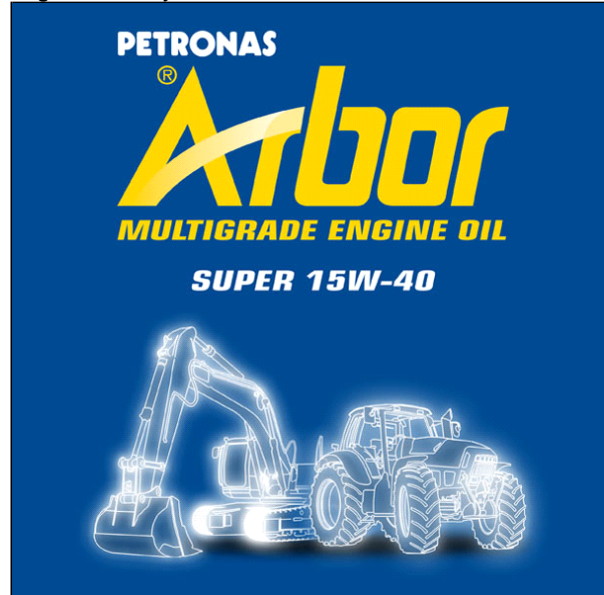
>> It also possesses high antifoam properties to offer the highest lubricating power to moving surfaces.

ADVICE ON USE

The SAE 40 viscosimetric grade allows the use of Super 40 for environment temperatures between 15°C and 40 °C.
Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 40, API CE, MIL-L-2104 E Performance



ARBOR MTA Cod. 3649

DESCRIPTION

MTA falls within the category of transmission oils for the hydrostatic transmissions, hydraulic control systems and power steering units of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Owing to its balanced friction properties, MTA warrants the optimum engagement of clutches, minimising slipping.

>> It reduces wear of the components of hydraulic systems, transmissions and torque converters.

>> Its formulation contains special additives that protect against foam, the formation of deposits and corrosion that may be caused by damp.

>> Its viscosity features warrant the best response of the servocontrols under all operating temperature conditions.

ADVICE ON USE

Viscosity grade SAE 10W allows use all year round. Replace according to the manufacturer's instructions.

TECHNICAL DATA

ATF DEXRON II D, ZF TE-ML 04D, ZF TE-ML 05L, ZF TE-ML 09, ZF TE-ML 14A, ZF TE-ML 21L, VOITH 3/92-G607 Performance, CAT TO-2 Performance, FORD MERCON, ALLISON C4 Performance



ARBOR MTF SPECIAL-UP Cod. 3667

DESCRIPTION

Specific lubricant for axles of Earthmoving Machines with wet brakes.

CHARACTERISTICS

Owing to its formulation with special additives, it allows high performance of Earthmoving Machines, including those that work in extremely tough operating conditions, in particular Arbor MTF Special-UP:

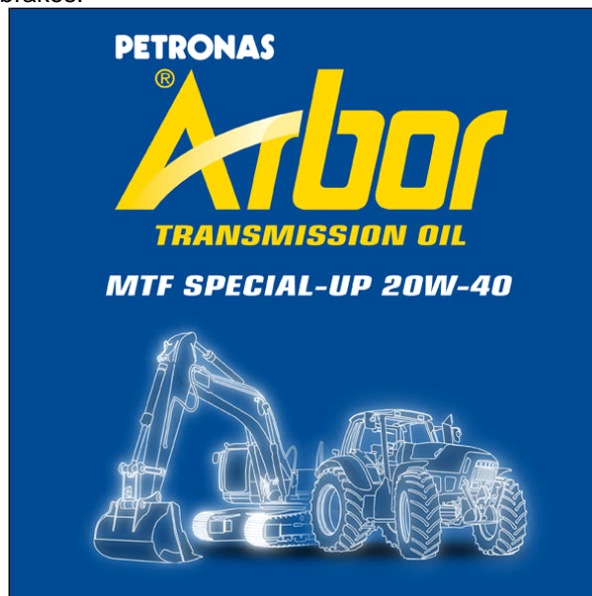
- it gives mechanical parts outstanding protection against high operating temperatures;
- it has high antiwear properties and stability of the lubricating film for better protection of gears;
- it can boast particularly effective friction characteristics for the prevention of noise of wet brakes;
- it has anti stick and slip characteristics which allow the utmost efficiency of wet brakes.

ADVICE ON USE

Arbor MTF SPECIAL-UP can be used all year round. Replacement according to the Manufacturer's instructions.

TECHNICAL DATA

SAE 20W-40, API GL 4



ARBOR TRW 140 Cod. 3658

DESCRIPTION

Extreme Pressure (E.P.) lubricant for the hypoid and non hypoid gears of axles, differentials and final drives of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Its special formulation, together with viscosity grade SAE 85W-140, maximises the capability to protect the gears of the above parts, particularly hypoid ones, against the extreme pressures to which they are subjected which could cause damage to the teeth.

>> Also high are the demulsive and antifoam properties needed for removing the heat generated by the friction between gears, keeping their temperature under control.

>> TRW 140 is suitable for the above delicate functions particularly in weather conditions with high temperatures owing to its SAE 85W-140 viscosity grade.

ADVICE ON USE

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 85W-140, API GL 5, ZF TE-ML 05A,
ZF TE-ML 12E, ZF TE-ML 16D, ZF TE-ML 21A,
MIL-L-2105 D Performance



ARBOR TRW 90 Cod. 3650

DESCRIPTION

Extreme Pressure (E.P.) lubricant for the hypoid and non hypoid gears of axles, differentials and final drives of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Its formulation allows a high capability to protect the gears of the above parts, particularly hypoid ones, against the extreme pressures to which they are subjected which could cause damage to the teeth.

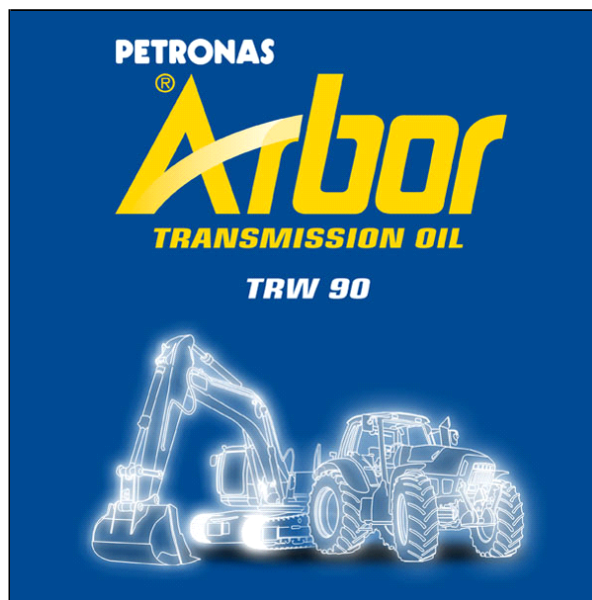
>> Also high are the demulsive and antifoam properties needed for removing the heat generated by the friction between gears, keeping their temperature under control.

ADVICE ON USE

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 80W-90, API GL 5, ZF TE-ML 05A, ZF TE-ML 12E, ZF TE-ML 16B, ZF TE-ML 17B, ZF TE-ML 19B, ZF TE-ML 21A, MIL-L-2105 D Performance



ARBOR TRW 90 LS Cod. 3651

DESCRIPTION

Lubricant with Extreme Pressure (E.P.) features for the hypoid and non hypoid gears of axles, and final drives of tractors, particularly suitable for normal and self-locking differentials fitted with limited slip systems, farm machines and earthmoving machinery.

CHARACTERISTICS

>> TRW 90 LS is a lubricant obtained owing to the use of special additives which allow it to combine Extreme Pressure E.P. features with high "limited slip" properties to warrant the utmost functionality of the differential with no slipping and vibrations.

>> TRW 90 LS also possesses very high capabilities of protecting the gears of the above parts, particularly hypoid ones, against the extreme pressures to which they are subjected which could cause damage to the teeth. Also high are the demulsive and antifoam properties needed for removing the heat generated by the friction between gears, keeping their temperature under control.

ADVICE ON USE

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 80W-90, API GL 5, MIL-L-2105 D Performance



ARBOR TTF Cod. 3656

DESCRIPTION

Lubricant with Extreme Pressure (E.P.) features for axles, also with wet brakes, final drives and differentials of earthmoving machinery.

CHARACTERISTICS

>> The special formulation of TTF combines the Extreme Pressure E.P. properties with friction modifier additives that ensure the utmost effectiveness of the braking system, eliminating any noise.

>> The use of TTF also warrants the perfect functionality of the differential with no slipping and vibrations.

>> Also excellent is the capability of protecting the gears of the above parts, particularly hypoid ones, against the extreme pressures to which they are subjected, preventing damage to them.

>> Removal of the heat generated by the friction between gears is ensured by demulsive and antifoam properties.

ADVICE ON USE

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 80W-90, API GL 5, ZF TE-ML 05C,12C,21C, GTG LLP-007, MIL-L-2105 D Performance



ARBOR MTF 10W-30 Cod. 3657

DESCRIPTION

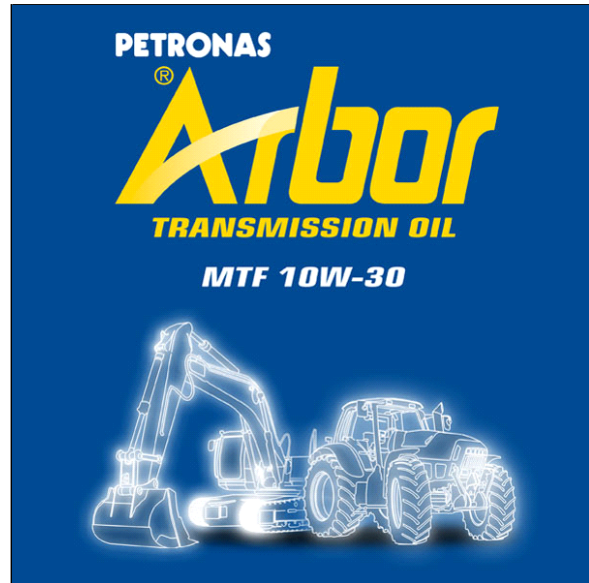
Multifunctional UTTO lubricant specifically for transmissions, hydraulic systems and wet brakes of latest generation tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> MTF allows high performance of all types of gearboxes, particularly automatic ones owing to its 10W-30 viscosity grade and special formulation.

>> MTF possesses high anti-wear properties of the gears and mechanical components of the transmission deriving from its operation especially under particularly tough operating conditions. The same protective function is also carried out on all the parts forming the hydraulic system.

>> MTF warrants high performance of the hydraulic system thanks to a high viscosity index which ensures the effectiveness of the servocontrols at all operating temperatures with a thermal stability that keeps the pressure in the lubricating circuit constant.



ADVICE ON USE

The SAE 10W-30 viscosity grade allows the use of MTF all year round.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 10W-30, API GL 4, ISO VG 32/46, ZF TE-ML 03E, ZF TE-ML 05F, ZF TE-ML 17E, ZF TE-ML 21F, MF M1135, M1110, M1141, M1145, M1143, M1127A/B, M1129A Performance, ALLISON C4 Performance, CAT TO-2 Performance, JD J20C Performance, DENISON HF-0/HF-1/HF-2 Performance

ARBOR MTF SPECIAL 10W-30 Cod. 3645

DESCRIPTION

This is a multipurpose UTTO lubricant that warrants very high performance of transmissions, hydraulic systems and oil bath brakes of latest generation tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> The special additives used make Arbor MTF Special a top-flight transmission oil which ensures the highest level of effectiveness of automatic gearboxes, braking and hydraulic systems.

>> MTF eliminates any noise of the braking system owing to the action of specific friction modifier additives that keep the friction characteristics of the lubricant unchanged over time.

>> MTF protects the disks against overheating and the formation of deposits that could alter their efficiency.

>> MTF warrants optimum operation of the hydraulic system as time goes by, as it keeps its functional characteristics and viscosity unchanged over time.

>> Its special formulation in terms of combination of base oils and additives gives MTF a particular fluidity at low temperatures, therefore it can be used in particularly harsh weather conditions.

>> MTF Special possesses high anti-wear and anti-corrosion properties of the transmission components combined with excellent anti-foam and demulsive features.

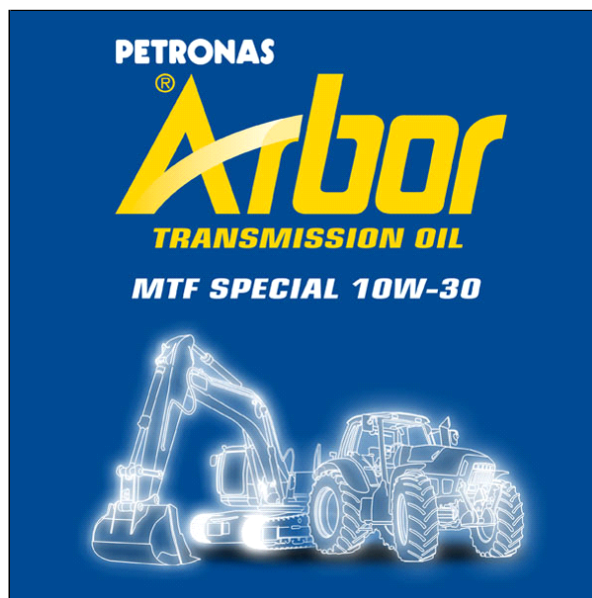
ADVICE ON USE

The SAE 10W-30 viscosity grade allows the use of MTF Special all year round.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 10W-30, API GL 4, JD J20A/J20C, MF M1129A/M1135/M1143



ARBOR MULTI FX Cod. 3646

DESCRIPTION

Multipurpose UTTO lubricant specifically for transmissions, hydraulic systems and wet brakes of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Multi FX is a highly reliable UTTO transmission oil that warrants high performance especially of vehicles with conventional mechanical gearboxes.

>> In particular, its viscosity grade SAE 20W-30 allows it to ensure considerable protective capabilities against wear owing to the outstanding stability of the lubricating film, also under particularly harsh operating conditions like those deriving from high loads and low rpm.

>> Its formulation makes it possible to obtain high performance of the hydraulic system also due to the maintaining of a constant pressure in the lubrication circuit because of the viscosimetric stability also at high operating temperatures.

ADVICE ON USE

Viscosity grade SAE 20W-30 allows the use of Multi FX all year round.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 20W-30, ISO VG 46/68, API GL 4, JD J20A Performance



ARBOR UNIVERSAL 10W-40 Cod. 3638

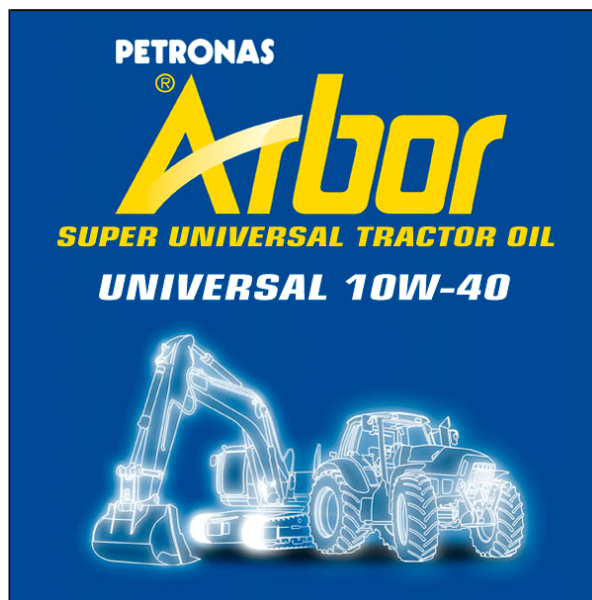
DESCRIPTION

Universal lubricant (S.T.O.U.) for engines, transmissions, hydraulic systems and wet brakes of agricultural and construction machinery.

CHARACTERISTICS

Its special formulation together with the fact that it belongs to the category of S.T.O.U. lubricants give ARBOR UNIVERSAL 10W-40 many features as mentioned below.

- High anti-wear properties of the mechanical components of the engine and transmissions.
- Excellent capability of ensuring cleansing against the formation of deposits in the engine, transmissions and in the hydraulic circuit.
- High braking efficiency thanks to the presence of friction modifier additives in the formulation.
- Prompt response of the servcontrols of the hydraulic circuit is ensured by the viscosimetric stability to changes in temperature that determines a high and constant pressure in the system.



ADVICE ON USE

Its SAE 10W-40 viscosity grade allows use for temperatures between -25°C and $+40^{\circ}\text{C}$.

Oil drain interval (ODI) according to Manufacturer's instructions.

TECHNICAL DATA

SAE 10W-40, SAE 75W-90, ISO VG 32/46, API GL 4,
ACEA E7/E4 Performance, ZF TE-ML 06B,
ZF TE-ML 06F, ZF TE-ML 07B,
MIL-L-2105 Performance

ARBOR UNIVERSAL 15W-40 Cod. 3644

DESCRIPTION

Universal lubricant (S.T.O.U.) for engines, transmissions, hydraulic systems and wet brakes of farm tractors and machinery.

CHARACTERISTICS

>> Its special formulation together with the fact that it belongs to the category of S.T.O.U. oils give Universal 15W40 a whole host of features as mentioned below.

>> High anti-wear properties of the mechanical components of the engine and transmissions.

>> Excellent capability of ensuring cleansing against the formation of deposits in the engine, transmissions and in the hydraulic circuit.

>> High braking efficiency deriving from the presence of friction modifier additives in the formulation.

>> Prompt response of the servcontrols of the hydraulic circuit is ensured by the viscosimetric stability to changes in temperature that determines a high and constant pressure in the system.

ADVICE ON USE

Its SAE 15W-40 viscosity grade allows use for temperatures between -15°C and +40°C.

Replace according to the manufacturer's instructions.

TECHNICAL DATA

SAE 15W-40, ISO VG 46/68, API CE, API GL 4, CAT TO-2, ZF TE-ML 06B, ZF TE-ML 07B, MIL-L-2105 Performance, MIL-L-2104 E Performance



ARBOR HTC 46 Cod. 3655

DESCRIPTION

Hydraulic fluid with high viscosity index, specifically for high pressure hydraulic systems of earthmoving machinery with particularly selected bases and additives.

CHARACTERISTICS

>> The special formulation of HTC 46, makes it possible to combine the advantages of a high viscosity index with the capability of keeping its functional characteristics unchanged over time, making it possible to extend the interval between changes.

>> The highly refined bases used allow HTC 46 to blend two fundamental characteristics:

- a high natural viscosity index, not subject to deterioration in time, and contemporaneously
- a high stability at high temperatures which allows lasting cleansing of the system.

>> The combination of these features enhances the performance levels of the hydraulic system ensuring prompt response of the servocontrols and high output of the pumps within a broad range of temperatures, with decidedly higher performance levels than those of conventional hydraulic oils.

>> The bases used in its formulation also warrant total compatibility with the materials of the seals of the hydraulic circuit.

>> HTC 46 also ensures optimum protection of the hydraulic system against wear and corrosion and also demulsive and antifoam properties for lubricating continuity preventing cavitation and removing the heat.

ADVICE ON USE

Its ISO-VG 46 grade allows it to be used all year round, in a highly extensive range of temperatures: between – 20°C and + 50 °C.

Replace according to the manufacturer's instructions.

TECHNICAL DATA



ARBOR HYDRAULIC 46 BIO-V Cod. 3660

DESCRIPTION

Hydraulic fluid specifically for high pressure hydraulic systems of farm machines, particularly combine harvesters, and of earthmoving machinery that blends a high viscosity index with a vegetable-based formulation.

CHARACTERISTICS

>> The use of vegetable bases in the formulation gives the fluid high biodegradability to prevent environment pollution in the event of any leaks from the circuit.

>> Accurate selection of the vegetable bases determines perfect compatibility with the seals of the circuit ensuring excellent tightness over time, adequate stability to oxidation and cold viscosity features that enable the use of the fluid also at low temperatures (-20°C).

>> The high viscosity index warrants a prompt response of the hydraulic system and high output of the pumps.

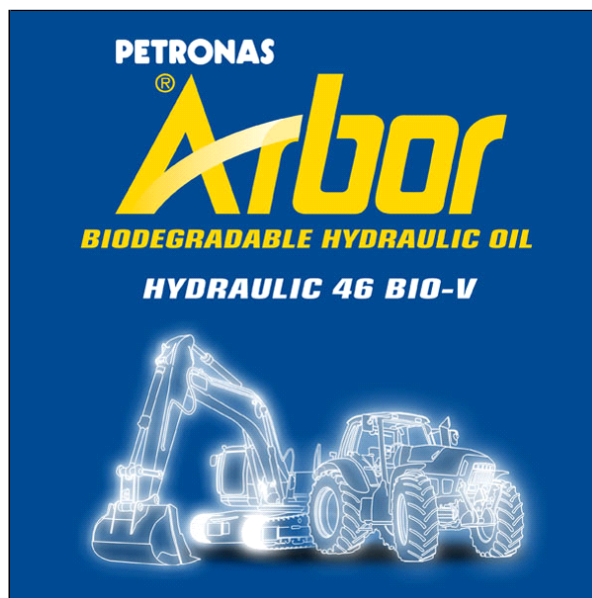
>> Hydraulic 46 BIO-V also warrants protection of the hydraulic system against wear and corrosion and, owing to the demulsive and antifoam properties, lubricating continuity is guaranteed preventing cavitation.

ADVICE ON USE

Its formulation allows it to be used all year round, with outside temperatures between -20°C and + 40 °C. Replace according to the manufacturer's instructions.

TECHNICAL DATA

ISO VG 46, DIN 51524 HVLP 46 (except ASTM D 943)



ARBOR HYDRAULIC 46 HV Cod. 3647

DESCRIPTION

This is a hydraulic fluid, with high viscosity index, specifically for high pressure hydraulic systems of farm machines, particularly combine harvesters, and of earthmoving machinery.

CHARACTERISTICS

>> The high viscosity index of Hydraulic 46 HV derived from its special formulation makes it possible to obtain perfect operation of the servocontrols under all operating temperature conditions of the machine. This is because the viscosimetric profile is kept constant within a broad range of temperatures ensuring a prompt response of the hydraulic system and high output rate of the pumps, at both low and high temperatures, with consequent fuel saving.

>> Special additives protect the components of the hydraulic system against wear and corrosion.

>> The demulsive and antifoam properties warrant lubricating continuity preventing cavitation and removing the heat.

ADVICE ON USE

Its formulation allows it to be used all year round, with outside temperatures between -20°C and $+40^{\circ}\text{C}$. Replace according to the manufacturer's instructions.

TECHNICAL DATA

ISO VG 46, DIN 51524 HVLP



ARBOR HYDRAULIC 68 Cod. 3648

DESCRIPTION

Hydraulic fluid specifically for hydraulic systems of agricultural and construction machinery when it's not not required a high viscosity index lubricant.

CHARACTERISTICS

>> The ISO VG 68 viscosity grade, combined with its special formulation, make Hydraulic 68 particularly suitable for use in high environment and operating temperature conditions.

>> Special additives give the fluid the indispensable antioxidant characteristics for withstanding the thermal stress to which it is subjected.

>> Hydraulic 68 warrants high protection of the components of the hydraulic system against wear and corrosion.

>> Its demulsive and antifoam properties warrant lubricating continuity preventing cavitation and removing the heat.

ADVICE ON USE

Its formulation allows it to be used with outside temperatures between 0°C and 50 °C.

Oil drain interval (ODI) according to Manufacturer's instructions.

TECHNICAL DATA

ISO VG 68, DENISON HF-0/HF-1/HF-2, DIN 51524 HLP



ARBOR POWER CUT Cod. 1032

DESCRIPTION

Lubricant specifically for saw chains.

CHARACTERISTICS

>> With its special formulation it offers the following high performance characteristics.

>> Excellent adherence capability on the blade and chain which helps to prevent dripping and seizing.

>> High thermal stability that makes it suitable for all environmental and operating conditions (even the toughest).

>> Outstanding cooling capability to prevent overheating the chain.

>> Power Cut offers total antirust protection of the blade and chain against the action of the weather and antiwear properties to ensure longer life of blade sharpness and of the chain itself.



ARBOR POWER CUT BIO Cod. 1031

DESCRIPTION

Biodegradable lubricant specifically for saw chains.

CHARACTERISTICS

>> With its special bio-vegetable formulation Power Cut Bio can boast over 90% biodegradability which means high protection of the environment in which it is used preventing contamination. This level of biodegradability has been certified through the CEC-L-33-A-93 method.

>>Power Cut Bio is part FL Selenia's "Zero Impact Trend" project aimed at the research and experimentation of lubricants with a low environmental impact.

>>Besides its biodegradable features Power Cut Bio also possesses the following high performance characteristics as chainsaw oil. Excellent adherence capability on the blade and chain which helps to prevent dripping and seizing.

>>High thermal stability that makes it suitable for all environmental and operating conditions (even the toughest).

>> Outstanding cooling capability to prevent overheating the chain.

>> Power Cut offers total antirust protection of the blade and chain against the action of the weather and antiwear properties to ensure longer life of blade sharpness and of the chain itself.

TECHNICAL DATA

Biodegradability of up to 90% (CEC-L-33-A-93).



ARBOR MBD Cod. 3659

DESCRIPTION

This is an Extreme Pressure Lithium and Molybdenum Bisulphate-based multipurpose grease for tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> It is formulated with the use of Molybdenum Bisulphate that gives it high Extreme Pressure features which make it particularly suitable for greasing the mechanical parts subjected to high loads of tractors, farm machines and earthmoving machinery.

>> Its high resistance to oxidation gives it high stability over time.

>> It possesses high adherence which, combined with high mechanical stability and a high drip point allows perfect lubrication eliminating any phenomena that might reduce it:

- high temperatures;
- centrifuging due to the movement of the operating mechanical part;
- the washing action of water.

>> The high antiwear properties allow the utmost protection of the lubricated mechanical parts, particularly under tough operating conditions.

ADVICE ON USE

NLGI 2 grade allows it to be used all year round.
Replace according to the manufacturer's instructions.

TECHNICAL DATA

NLGI 2



ARBOR MP EXTRA Cod. 3652

DESCRIPTION

This is an Extreme Pressure Lithium and Calcium soap-based multipurpose grease for tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Its composition is particularly suitable for pressure grease nipples and wheel hub bearings of tractors, farm machines and earthmoving machinery.

>> It possesses high adherence capability which, combined with exceptional mechanical stability and a high drip point allows perfect lubrication eliminating any phenomena that might reduce it:

- high temperatures;
- centrifuging due to the movement of the operating mechanical part;
- the washing action of water.

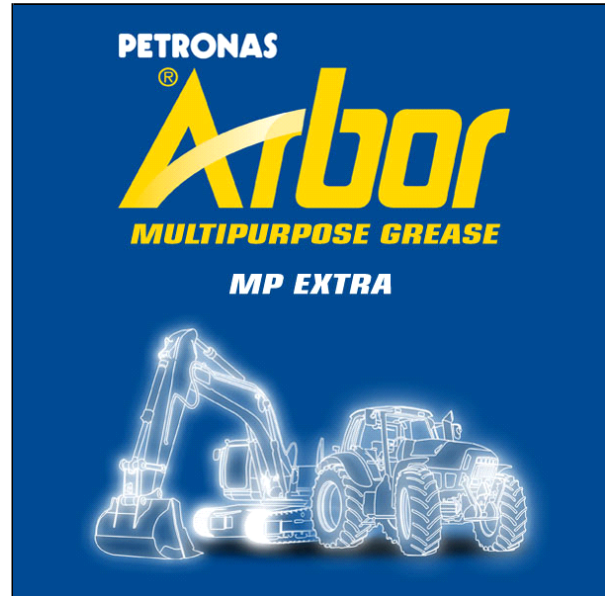
>> The above are joined by high antiwear properties which protect the lubricated mechanical parts in the best way possible.

ADVICE ON USE

NLGI 2 grade allows it to be used all year round.
Replace according to the manufacturer's instructions.

TECHNICAL DATA

NLGI 2



ARBOR BF-LHM Cod. 3663

DESCRIPTION

Mineral-based lubricant specifically for the hydraulic control of brakes and clutches of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

BF-LHM has high cold fluidity which warrants optimum response of the braking system also at low environment temperatures.

Its special formulation:

- makes it possible to keep operating performance unchanged, even under conditions of high stress (frequent braking and clutch engagement/disengagement);
- it warrants outstanding compatibility with all the components of the braking system (seals for instance) and the protection of metal components from rust, corrosion and oxidisation.

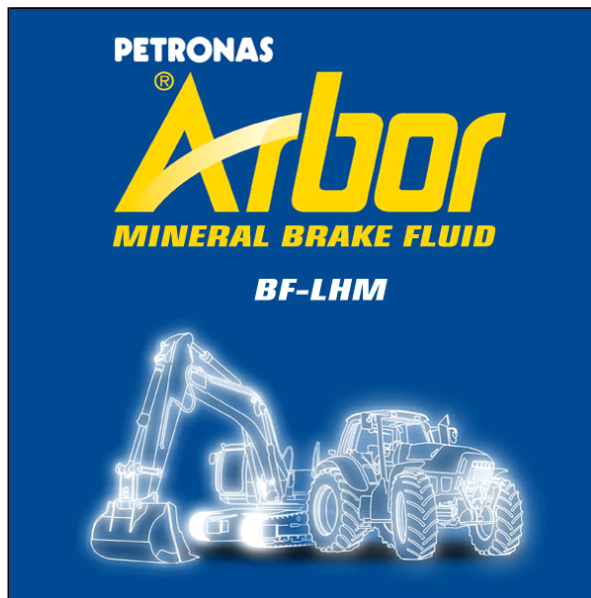
BF-LHM is not compatible with synthetic brake fluids and must not be mixed with them.

ADVICE ON USE

Replacement according to the Manufacturer's instructions and in any case once a year.

TECHNICAL DATA

ISO 7308, ENSAYOS INTA - UNE 26-109-88



ARBOR BRAKE D4 Cod. 3661

DESCRIPTION

Synthetic brake fluid for the braking systems of farm machines and earthmoving machinery.

CHARACTERISTICS

>> Being a synthetic brake fluid, Brake D4 features a high boiling point which prevents vapour lock that consists in the formation vapour bubbles in the circuit.

>> It also possesses a low yield value that makes it suitable for use at low temperatures.

>> It protects the metal components of the circuit from corrosion and oxidation, ensuring perfect compatibility with the rubbers and seals.

ADVICE ON USE

Its formulation allows it to be used in all weather conditions, even the harshest.

Replace according to the manufacturer's instructions and in any case once a year.

TECHNICAL DATA

SAE J1704, FMVSS 116 - DOT4, ISO 4925 Class 4,
ENSAYOS INTA - UNE 26-109-88



ARBOR COOLANT LG Cod. 3669

DESCRIPTION

Monoethylene glycol based protective fluid for radiators, with organic inhibition formula for the cooling system of tractors, other farm machines and construction machinery.

CHARACTERISTICS

The special formulation of Arbor Coolant LG is based on O.A.T. technology (Organic Acid Technology) and it allows higher stability of the inhibiting agents at high temperatures and excellent protection against possible cavitation.

Mixed 50% with water Arbor Coolant LG protects:

- against freezing, with outside temperature down to - 40 ° C;
- against boiling with circuit temperature up to 125° C.

Also particularly effective is its protective action on all the components of the circuit (plastic, rubber, metal materials, etc.).

ADVICE ON USE

For correct use of the product follow the manufacturer's instructions and in any case replace every two years.

Do not use the product concentrated. Dilute with water according with manufacturer's instructions. Do not mix with products of other origin or brand.

RECOMMENDED BY

APPROVED BY

TECHNICAL DATA

ASTM D 3306 Type 1, CUNA NC 956-16



ARBOR FREEZE -38°C Cod. 3653

DESCRIPTION

Protective antifreeze and coolant fluid ready for use for the engines of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Being ready for use, this fluid is to be used as it is and its formulation warrants the utmost performance in terms of antifreeze protection and cooling.

>> It removes the heat generated by combustion and ensures protection against freezing down to temperatures of -38°C.

>> It prevents the formation of scaling in the circuit, particularly lime, maintaining its own functional properties unchanged over time, while also preventing cavitation.

>> Its composition allows perfect compatibility with all the parts of the circuit, metal and non metal alike (seals for example).

ADVICE ON USE

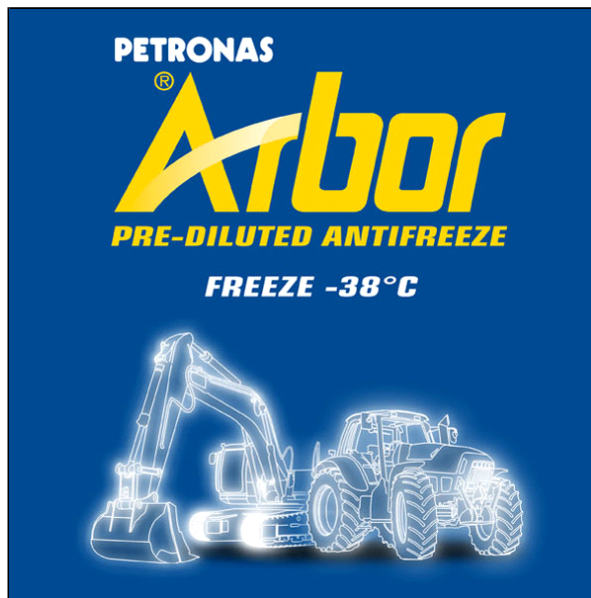
To be replaced according to the manufacturer's instructions and in any case every two years.

Always top up using the same product.

Never dilute with water.

TECHNICAL DATA

ASTM D 6210 Type 3-FF



ARBOR PROTECTIVE FLUID Cod. 3662

DESCRIPTION

Concentrated, protective antifreeze and coolant fluid, for the engines of tractors, farm machines and earthmoving machinery.

CHARACTERISTICS

>> Fluid to be mixed 50% with water with a formulation that warrants the utmost performance in terms of antifreeze protection and cooling.

>> It warrants the utmost removal of the heat generated by combustion and, if mixed 50% with water, protection against freezing down to temperatures of -38°C .

>> It prevents the formation of scaling in the circuit, particularly lime, maintaining its own functional properties unchanged over time.

>> Its composition allows perfect compatibility with all the parts of the circuit, metal and non metal alike (seals for example).

ADVICE ON USE

To be replaced according to the manufacturer's instructions and in any case every two years.

Always top up using the same product and mixing 50% with water.

Never use concentrated.

TECHNICAL DATA

ASTM D 6210 Type 1-FF

