



CERES S.T.O.U. 15W40

Description

Multigrade universal and multifunction lubricating oil for tractors. Its carefully prepared formula is designed for use in internal combustion engines (including turbo engines), as well as transmissions, wet brakes, clutches and in hydraulic agricultural machinery systems. Lubricating oil for multiple services and general use.

Properties

- Easy maintenance, one oil for the whole tractor.
- Excellent anti-noise properties on wet brakes.
- Thanks to its additives, it can be used in natural aspiration and turbo diesel engines.
- Good performance in implement-moving hydraulic systems.
- Anti wearing capacity to prevent scratches and wearing on gears.
- Serves in power steering, synchronisms and transmissions.
- Endorsed by the main tractor manufacturers.

Quality level

- API CE/SF, GL-4
- JOHN DEERE J-27
- MASSEY FERGUSON M-1139
- FORD M2C 159B/C
- ZF TE-ML 06B/07B
- ALLISON C-4
- CATERPILLAR TO-2

Technical characteristics

	UNIT	METHOD	VALUE
SAE grade			15W40
Density at 15°C	g/ml	ASTM D 4052	0.887
Viscosity at 100°C	cSt	ASTM D 445	13.2
Viscosity at 40°C	cSt	ASTM D 445	98
Viscosity at -20°C	cP	ASTM D 5293	7000 maximum
Viscosity rate	-	ASTM D 2270	124 minimum
Flash point, open cup	°C	ASTM D 92	215 minimum
Pour point	°C	ASTM D 97	-30
T.B.N.	mg KOH/g	ASTM D 2896	10
Sulphated ashes	% in weight	ASTM D 874	1.5
Bosch Injector Shearing: Viscosity at 100°C after shear	cSt	ASTM D 3945	12 minimum
Noak volatility, 1hr at 250°C	% in weight	DIN 51581	13 maximum

Available in

875 kg containers, 185 and 18 kg drums and 5 l plastic containers.

■ Hazard identification

This product is not classified as toxic or hazardous under current legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and safety hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash with plenty of water.

General measures: Seek medical advice.

■ Firefighting measures

No special measures required.

Extinction: Foams, dry chemicals, CO₂, water spray. Do not apply a jet of water directly, as it could spread the product.

■ Environmental precautions

Danger of physical pollution if spilt (watercourses, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Prevent the material from entering water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.