

# SILVER FE 10W30

## Description

Global top tier synthetic HDD engine lubricant based on the lower SAPS additive technology. It covers most OEM requirements for engines meeting the latest global exhaust emissions requirements. Designed for ultimate engine protection, oxidation resistance and cleanliness for extended oil drain intervals.

## Application

SILVER FE 10W-30 is suitable for HDD engines (simple and TURBO) with DPF filters meeting latest Euro and previous emission requirements

## Operation Characteristics

- Protection of metal parts against corrosion and rust
- Resistance to oxidation at high temperatures
- Compatibility with all gaskets and sealing materials
- Excellent soot control.
- Excellent performance at low temperatures
- Excellent detergency
- Strong wear protection and overall engine performance.

## Specifications, Approvals, Recommendations

API CK-4/SN, ACEA E9/E7, Volvo VDS-4/ Renault RLD-3/ Mack EOS 4.5, MB 228.31, MAN M3275, MTU Cat.2.1, Cummins CES 20086, CES20081, Deutz DQC IV-10 LA, Detroit Diesel 93K218, Caterpillar ECF-3, DD DFS93K222/93K218, VOLVO VDS 4.5.

## Typical Physical Characteristics

	ASTM	10W-30
<b>SPECIFIC GRAVITY (kg/l)</b>	D 1298	0,875
<b>VISCOSITY AT 40°C (cSt)</b>	D 445	66,65
<b>VISCOSITY AT 100°C (cSt)</b>	D 445	11,5
<b>VISCOSITY INDEX</b>	D 2270	158
<b>FLASH POINT (°C) min.</b>	D 92	225
<b>POUR POINT (°C)</b>	D 97	-36
<b>TBN</b>	D 2896	10

*These are typical values. Small variation should be expected for future productions / blendings.*

## Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.