

Description

Mineral engine oil designed to protect the engine against rust and wear. Robust and balanced formulation that helps to keep optimal performance even in the harshest environment. Provides extra protection for engines working with high biodiesel content in the fuel. Its high detergency power removes deposits and sludge from the engine keeping the engine safe from seizure.

Properties

- Its high detergent-dispersant content enhances engine cleaning, maintains soot in suspension, minimize deposits on piston rings.
- Facilitates cold starts; performs well in a wider range of temperatures.
- Protects the engine from corrosion due to its carefully selected additives.
- High TBN reservoir to protect the engine against rust from acids generated during the combustion. A unique formulation with high quality base oils and balanced additive control improves the oil drain intervals, extending to wide selection of fuels including Biofuels,

Quality levels

- API CF-4

Technical specifications

	UNIT	METHOD	VALUE	
SAE GRADE			15W-40	20W-50
Density at 15 °C	g/cm ³	ASTM D 4052	0,868	0.891
Viscosity at 100 °C	cSt	ASTM D 445	14,12	17,7
Viscosity at 40 °C	cSt	ASTM D 445	106	154
Viscosity at -20 °C	cP	ASTM D 5293	7000 max.	9500 max.
Viscosity index	-	ASTM D 2270	135	120 min.
Flash point, open cup	°C	ASTM D 92	220	215 min.
Pour point	°C	ASTM D 97	-30	-27
T.B.N.	mg KOH/g	ASTM D 2896	10	10
Bosch Injector Shearing: Viscosity at 100 °C after shearing	cSt	CEC-L-14-93	12,5	15 min.
Noack volatility, 1hr at 250 °C	% weight	CEC-L-40-93	13	13 max.

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 1. March 2020.