



Description

Mineral lubricating oil recommended for use in DEUTZ and DETROIT DIESEL vehicles or stationary engines that operate with compressed natural gas (CNG) or with propane and butane (LPG), and which require a limited ash content.

Properties

- Limited ash content to prevent the formation of residues on spark plugs that can cause noise and preignition.
- Wear testing on the valve trains for CUMMINS engines show excellent performance. The wear is below the manufacturer's limit and far below that of competing oils.
- The stability of its detergent additives allow for longer change periods, minimising the acidic compounds typical of these types of engines.
- High resistance to corrosion, far above the requirements of the CUMMINS CES 20074 standard.
- The tests conducted in CNG vehicle fleets have shown higher pressure stability at any temperature and in all working conditions.

Quality levels, approvals and recommendations

- API CF
- CUMMINS CES 20074*
- DTNA DFS 93K216
- *Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/cm3	ASTM D4052	0.883
Kinematic viscosity at 40 °C	cSt	ASTM D445	109
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.3
CCS Viscosity at -20 °C	cP	ASTM D5293	<7,000
Viscosity index	-	ASTM D2270	135
Flash point, open cup	°C	ASTM D92	236
Pour point	°C	ASTM D97	-27
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	9.5
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	12.5
Sulphated ashes	% in weight	ASTM D874	<0.6
TBN	mg KOH/g	ASTM D2896	5

The above mentioned characteristics are typical values and should not be considered product specifications.