

A top quality fuel economy diesel engine oil based on the latest additive technology combined with specially selected synthetic base oils. This engine oil has the following properties:

- a very powerful detergency prevents deposits in the engine
- a very strong dispersion that prevents from precipitation and sludge
- a decreased tendency to particle forming increases the lifetime of the particlefilter
- a powerful activity against, corrosion and foam
- a high and natural viscosity index
- a low sulphated ash, phosphor and sulphur content (low SAPS)
- a very powerful activity against wear resulting in strongly reduced wear of piston-rings and cylinder-liners
- a lower fuel consumption
- contributes to a decrease of the maintenance costs

Performance

- ACEA E6, E7, E9
- Deutz DQC IV-18 LA
- MB-Approval 228.51
- Volvo VDS-4.5
- Cummins CES 20086
- JASO DH-2
- MTU Type 3.1
- API CK-4/SN
- Mack EOS-4.5
- Renault VI RLD-3
- Cat ECF-3
- Detroit Diesel DFS 93K222
- MAN M3677
- Scania Low Ash

Applications

This fuel saving lubricant has mainly been developed for heavy diesel engines even under the toughest operation conditions and all the year round. This product is very suitable for on-road Euro 6 and off-road EU Stage IV engines in combination with diesel fuel with a low sulphur content, where the specified specifications are requested. This engine oil is also suitable for application in engines with or without particle filters and exhaust gas after treatment systems. This oil is backward compatible with previous heavy duty diesel engine specifications of: API CJ-4, CI-4, CH-4, etc., CAT ECF-2, ECF-1-a, MB Euro 3, 2, 1, Volvo VDS-4, VDS-3, etc., Renault RDL-2, RDL, etc., Mack EO-O PP, EO-N, etc., MAN M3477, M3271-1, MTU Type 2.1, Deutz DQC IV-10 LA, III-10 LA, etc., JASO DH-1, Cummins CES 20081 and DD DFS 93K218.

Characteristics	Unit	Average
Density at 15 °C	kg/l	0.856
Viscosity -30 °C	mPas	5860
Viscosity 40 °C	mm ₂ /s	71.80
Viscosity 100 °C	mm ₂ /s	11.90

Viscosity index		162
Flash point COC	°C	216
Pour point	°C	-42
Total Base Number	mgKOH/g	9,8
Sulphated Ash	%	0.89