

This heavy duty engine oil is formulated with unique low SAPS high performance additives in combination with special selected base oils. This multigrade engine oil fulfills the latest requirements of OEM's for use in high speed four stroke diesel engines of the latest models and has the following properties:

meets or exceeds the requirement of the nowadays low emission standards

an excellent cold start properties

a very good shear stability

an improved oxidation resistance

a very strong dispersion, therefore the deposits and sludge are restricted to a minimum

excellent properties against wear, corrosion and foam

a lower oil consumption

## Performance

- ACEA: E7, E9, E11
- API: CK-4/SN
- CUMMINS: CES20086
- DEUTZ: DQC III-18 LA
- FORD WSS M2C171-F1
- MACK: EOS-4.5
- MAN: M3775
- RENAULT: VI RLD-3
- ALLISON TES-439
- CAT: ECF-3
- DETROIT DIESEL: 93K222
- DTFR 15C100
- JASO DH-2
- MB: 228.31
- MTU: TYPE 2.1
- VOLVO: VDS-4.5

Characteristics	Unit	Average
Density at 15 °C	kg/l	0.865
Viscosity -20 °C	mPas	
Viscosity 40 °C	mm <sub>2</sub> /s	99.60
Viscosity 100 °C	mm <sub>2</sub> /s	14.20
Viscosity index		162
Flash point COC	°C	236
Pour point	°C	-42
Total Base Number	mgKOH/g	9.8
Sulphated Ash	%	