



## Nova 5W-30 | Fully synthetic engine oil

### Property

- reduced emissions
- excellent cold starting characteristics
- good high temperature properties
- high TBN ensures long service intervals
- tribase technology
- Low SAPS technology with reduced content of sulphated ash, phosphorus and sulphur
- increases the service life of exhaust aftertreatment systems such as catalytic converters (SCR) and particulate filters (DPF) in diesel engines

### Application area

- suitable for use in natural gas (CNG/LPG) engines
- backward compatibility from Euro 6 to Euro 3
- only suitable for diesel engines
- suitable for heavy-duty commercial vehicles

### Note

- Technical data subject to change without notice. Please observe the vehicle or machine manufacturer's directions. Please refer to the safety data sheet for further information.

### Typical properties

Property	Unit	Value
Viscosity SAE	-	5W-30
Color	-	brown
Viscosity @ 40°C	mm <sup>2</sup> /s	72.3
Viscosity @ 100°C	mm <sup>2</sup> /s	12.1
Viscosity index	-	166
Density @ 15°C	kg/l	0.861
Viscosity CCS @ -30°C	mPa·s	6100
Viscosity HTHS @ 150°C	mPa·s	3.5
NOACK [%]	-	11
Zinc content	ppm	890
Sulphated ash	g/100g	0.95
Total base number	mg KOH/g	13
Pour Point	°C	-42
Flash Point	°C	230

### Available packaging

25 L pail	50 kg drum (approx. 58 L)
175 kg drum (approx. 203 L)	

### Specifications

ACEA E2*, E3*, E4, E5*, E6*, E7, E8, E9*, E11
API CF*, CF-4*, CG-4*, CH-4*, CI-4*, CI-4+*, CJ-4*, CK-4
Caterpillar ECF-1*, ECF-1a*, ECF-2*, ECF-3
Cummins CES 20071*, 20072*, 20075*, 20076*, 20077*, 20078*, 20081*, 20086
DAF Extended Drain, PSQL 2.1 E*, PSQL 2.1 E LD, PSQL 2.4*, PSQL 2.4 LD
Detroit Diesel DFS 93K218*, 93K222
Deutz DQC III-10 LA*, III-18 LA*, IV-10 LA*, IV-18 LA
DTRF 15B110*, 15B120*, 15C100*
DTRF 15C120, 15C110
Ford M2C171-D*, M2C171-E*, M2C171-F1, M2C213-A1
IVECO 18-1804 TLS E6
JASO DH-1*, DH-2
Liebherr LH-00-ENG LA
Mack EO-N Premium Plus*, EO-O Premium Plus*, EOS-4.5
MAN M 3271-1, M 3477, M 3575, M 3677, M 3775, M 3777
MB 228.1*, 228.3*, 228.5*, 228.31*, 228.51*, 228.52
MTU Type 2.1*, Type 3.1
Renault RVI RGD, RLD*, RLD-2*, RLD-3, RXD
Scania LDF-4, Low Ash*
Volvo CNG, VDS-3*, VDS-4*, VDS-4.5

\* Additional Specifications