

## SHPD E7 15W-40

Mineral oil based heavy duty diesel engine oil.

Product code: U106

### Product Description:

SHPD E7 15W-40 is a Super High Performance heavy duty diesel engine oil formulated to meet the severe lubrication requirements demanded by many commercial vehicle manufacturers.

SHPD E7 15W-40 is a blend of solvent refined base oils, viscosity index improvers, pour point depressants and one of the most innovative additive systems to be developed in the last few years.

### Benefits:

- **Volvo OEM Compliant**
- **Mack OEM Compliant**
- **Renault OEM Compliant**
- **Cummins OEM Compliant**
- Offers improved wear protection and soot handling properties
- Meets a very broad range of OEM specifications
- Ideal choice for mixed fleet long haul vehicles
- Long oil drain properties

### Application:

SHPD E7 15W-40 is the first choice for a wide variety of European trucks and buses used for inter-city or long haul applications where an oil needing to satisfy the requirements of Euro 4 and certain Euro 5 engines is called for. In addition, SHPD E7 15W-40 may also be used in many marine inboard engines and generators.

SHPD E7 15W-40 is at the forefront of heavy duty diesel engine oil technology, meeting API CI-4/SL and ACEA E7. SHPD E7 15W-40 is additionally suited to off-highway applications where piston cleanliness, oxidation resistance and wear protection are equally valued.

### Performance Specification:

SHPD E7 15W-40 meets the requirements of:

API	CI-4/SL
ACEA	E7, A3/B3, A3/B4
Mercedes Benz	228.3, 229.1
Cummins	CES 20078 CES 20071/72/76/77
MAN	M 3275
MTU	Type 2
Mack	EO-N EO-M+
Volvo	VDS-3
Renault	RVI RLD-2, RLD
Global	DHD-1
ZF	TE-ML 04C / 07C
Caterpillar	ECF-2, ECF-1-a
Allison	C4
Detroit Diesel	DDC 93K215
JASO	DH-1
Deutz	DQC III-10

### Typical Test Data:

Specific Gravity @ 15.5°C	0.887
Kinematic Viscosity @ 100°C (cSt)	14.6
Kinematic Viscosity @ 40°C (cSt)	110.0
Viscosity Index	137
TBN (mg KOH/g)	10.2
Pour Point (°C)	-35
Flash Point (°C)	226

### Health and Safety:

Please refer to the health and safety data sheet, a copy of which is freely available to all our customers.