



TECHNICAL DATA SHEET

SHPD E9 15W-40

Product Type	15W-40 MINERAL MOTOR OIL
Product Code	NT102

Description

A high performance heavy-duty conventional engine oil formulated to meet the latest Euro 5 & 6 low emissions requirements.

Benefits

- Low ash formulation protects catalysts and particulate filters
- Offers improved wear protection and soot dispersancy compared to previous specifications
- Backwards Compatible to older models
- Long drain capabilities
- Highly resistant to thermal breakdown

Specifications

Always check the owner's manual for the correct oil specification to use.

- ACEA E7, E9, E11
- API CK-4
- CATERPILLAR ECF-3
- CUMMINS CES 20086
- DETROIT DIESEL DFS 93K222
- DEUTZ DQC III-10LA
- FORD WSS-M2C171-F1
- JASO DH-2
- MACK EOS-4.5, EO-O PREM PLUS
- MAN M3575
- MERCEDES-BENZ MB-228.31
- MTU TYPE 2.1
- RENAULT RVI RLD-3, RLD-4
- VOLVO VDS-4.5





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Typical Properties

SAE Viscosity Grade	SAE J300	-	15W-40
Viscosity @ 100°C	ASTM D-445	mm ² /s	14,3
Viscosity @ 40°C	ASTM D-445	mm ² /s	107
Viscosity Index	ASTM D-2270	-	137,0
Viscosity @-20°C	ASTM D-5293	mPa.s	<6800
Total Base Number	ASTM D-2896	mg/KOH/g	9
Pour Point	ASTM D-5949	°C	-36
Specific Gravity @15.6°C	ASTM D-4052	-	1
Flash Point (COC)	ASTM D-92	°C	238

Health and Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained.

A safety data sheet is available on request.

Disposal

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.



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