



## RAVENOL Turbo-Plus SHPD SAE 15W-40



ART.-NR. 1123115

1 L | 1123115-001  
4 L | 1123115-004  
5 L | 1123115-005  
7 L | 1123115-007  
10 L | 1123115-010  
20 L | 1123115-020  
20 L | 1123115-B20  
60 L | 1123115-060  
60 L | 1123115-D60  
208 L | 1123115-208  
208 L | 1123115-D28  
1000 L | 1123115-700

**VISCOSITY** 15W-40

**SPECIFICATIONS** ACEA B4 | ACEA A3 | ACEA E7 | API CI-4+ | API CI-4 | API SL | ACEA E7 | ACEA A3 | ACEA B4 | API SL

**FABRICATION** MINERAL

**APPROVALS** LICENSE: API CH-4, CI-4/SL | MB-FREIGABE 228.3 | MB-FREIGABE 229.1 | VOLVO VDS-3 | MTU TYP 2 | STEYR MOTOR GAZ 560 | CUMMINS CES 20076 | CUMMINS CES 20077 | CUMMINS CES 20078 | RENAULT RLD/RLD-2 | ZF TE-ML 07C | TEDOM 258-3 (61-0-0258) | DEUTZ DQC III-10 | LICENSE: API CI-4

**RECOMMENDATIONS** SCANIA LDF | ALLISON C4 | CATERPILLAR TO-2 | GLOBAL DHD-1 | IVECO | JASO DH-1 | JOHN DEERE JDQ 78A | MACK EO-M | EO-M PLUS | MAN M 3275-1

**RAVENOL Turbo-Plus SHPD SAE 15W-40** is SHPD-motor oil for the mixed automobile fleet.

**RAVENOL Turbo-Plus SHPD SAE 15W-40** can be used for diesel and petrol engines as well as turbo-superchargers.

**RAVENOL Turbo-Plus SHPD SAE 15W-40** has been especially developed for extended oil change intervals, according to manufacturer's recommendations.

## Application Notes

**RAVENOL Turbo-Plus SHPD SAE 15W-40** is recommended by the engine manufacturers for extended oil change intervals as SAE 15W-40 multigrade engine oil in heavy duty commercial vehicle diesel engines.

**RAVENOL Turbo-Plus SHPD SAE 15W-40** is the preferred use for extended oil life in turbo charged diesel engines according to manufacturer's recommendations.

## Characteristics

**RAVENOL Turbo-Plus SHPD SAE 15W-40** offers:

- Extremely high pressure absorption capacity
- Very high oxidation stability
- Excellent aging stability
- Excellent viscosity and temperature behaviour
- High security reserves even under limited lubrication circumstances
- Suitable for extended oil change intervals
- Suitable for heavy operating conditions



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	870,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 40°C	mm <sup>2</sup> /s	115,7	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	15,0	DIN 51 562
Viscosity index VI		134	DIN ISO 2909
HTHS Viskosität bei 150°C	mPa*s	4,0	ASTM D5481
Pourpoint	°C	- 36	DIN ISO 3016
Flash point (COC)	°C	238	DIN ISO 2592
TBN	mg KOH/g	10,5	ASTM D2896

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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