

# Dieselube 15W40 SHPD

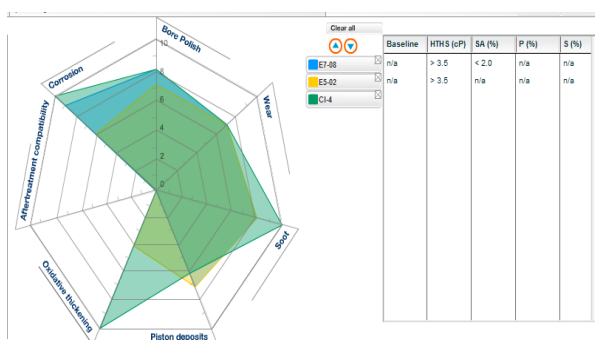
**SHPD Dieselube** (Super high Performance Diesel) engine oil for use in extra heavily loaded turbo diesel engines with extended refresh times. This engine oil meets the toughest requirements of the world's best-known truck manufacturers and contains a special additive system for combating "ring sticking" and wear and therefore gives longer service life to parts.

## Bardahl Dieselube

- Meets the EU Euro 5 emission requirements for truck, buses, marine and industrial engines.
- Specifically recommended for those engines for which an SHPD oil is prescribed.
- Suitable for SCR NOx reduction systems or equipped with EGR systems, not suitable for DPF systems
- Meets the highest Mercedes requirement DB 228.3 with maximum refresh time of 45000km.
- Meets the highest Volvo VDS-3 requirement with a refresh period of 60000km.

## Specifications

ACEA - A3/B4 | ACEA - E7 | API - CF-4 | API - CG-4 | API - CH-4 | API - CI-4/SL | JASO - DH-1 | ALLISON - C4 | CATERPILLAR - ECF-1A | CATERPILLAR - ECF-2 | CATERPILLAR - TO-2 | CUMMINS - CES 20076 | CUMMINS - CES 20077 | CUMMINS - CES 20078 | DAIMLER TRUCK - DTFR 15B110 | DETROIT DIESEL - DFS 93K215 | DEUTZ - DQC-III-10 | DEUTZ - DQC-III-18 | GLOBAL - DHD-1 | IVECO - 18-1804 CLASSE T2 E7 | MACK - EO-L | MACK - EO-M PLUS | MACK - EO-N | MAN - M3275-1 | MB - 228.3 | MB - 229.1 | MTU - OIL CATEGORY 1 | MTU - OIL CATEGORY 2 | RENAULT - RLD | RENAULT - RLD-2 | VOLVO - VDS-3



## Analysis-data

| Test                   |            |                    | Results              |
|------------------------|------------|--------------------|----------------------|
| SAE - Class            | Method     | Unit               | Dieselube 15W40 SHPD |
| Viscosity at 100°C     | ASTM D445  | mm <sup>2</sup> /s | 14.5                 |
| Viscosity at 40°C      | ASTM D445  | mm <sup>2</sup> /s | 108                  |
| Viscosity index        | ASTM D2270 |                    | 136                  |
| Viscosity at -20°C     | ASTM D5293 | mPa.s              | <7000                |
| Sulfated Ash; wt.%     | ASTM D874  | wt.%               | 1.22                 |
| tbn                    | ASTM D2896 | mg KOH/g           | 10.4                 |
| Pour point             | ASTM D6892 | °C                 | -27                  |
| Density; 15/15°C       | ASTM D4052 | g/ml               | 0.885                |
| Flashpoint; COC        | ASTM D92   | °C                 | 216                  |
| Noack evaporation test |            | wt %               | 12.8                 |



## PRODUCT INFORMATION

**Article number** 51555

**Contents** 5 liter

**Article number** 51582

**Contents** 25 liter

**Article number** 51586

**Contents** 60 liter

**Article number** 51592

**Contents** 208 liter