

# SHPD FLEET TURBO SAE 5W40 API CJ-4/SN ACEA E9



## Description

**BENZOL®** SAE 5W40 API CJ-4/SM ACEA E9 top quality fuel economy diesel engine oil based on the latest additive technology combined with specially selected synthetic base oils contributes to a decrease of the maintenance costs. It is designed with a viscosity index improver and advanced low SAPS additive technologies designed to deliver dependable keep-clean dispersancy and detergency performance, oxidation resistance, wear, and corrosion protection with effective defoaming agents, in engines meeting Euro VI emissions requirements for Volvo, MAN, Scania, Daimler, DAF and Iveco engines.



## Applications

**BENZOL®** is particularly suitable for use in naturally aspirated and turbocharged diesel engines in the trucks of haulage transport, in bus transport, in construction and ship transport. It is also suitable for light commercial vehicles with diesel engines.

## Specifications and Approvals

API CJ-4/SN, ACEA E9, E7 Caterpillar ECF-3, Cummins CES 20081, Detroit diesel DFS 93K218, MAN - M 3275, Renault RLD-3, Volvo VDS-3, VDS-4, Deutz DQC-111-05, Allison C4.

## Technical Specifications

| Tests                   | Method          | Results        |
|-------------------------|-----------------|----------------|
| Appearance              | Visual          | Clear & Bright |
| Water                   | Hot Plate       | Nil            |
| Color                   | D-1500          | L3.0           |
| Density @ 15 °C, kg/L   | D-1298          | 0.8575         |
| Viscosity @ 100 °C, cSt | D-445           | 14.50          |
| Viscosity @ 40 °C, cSt  | D-445           | 88.90          |
| Viscosity index         | D-2270          | 170            |
| Flash Point, °C (COC)   | D-92            | 226            |
| Pour Point, °C          | D-97            | -38            |
| Foam SEQ. I/II/III      | D-892           | 0/0/0          |
| TBN, mg KOH/g           | D-2896          | 10.8           |
| CCS at -30°C (mPa.s)    | D-5293          | 5990           |
| Sulphated Ash(mass%)    | D874-13a (2018) | 0.90           |
| Sulphur Content (mass%) | D4294-16e 1     | 0.30           |
| Phosphorus (P) (mass%)  | D5185-18        | 0.092          |

## Performance Benefits

- Total engine protection
- Outstanding engine cleanliness and durability.
- Drain interval extension.
- Very long oil drain interval.
- Exceptional wear protection for longer engine life
- Excellent soot busting viscosity control
- Excellent shear stability.
- Optimum DPF (Diesel Particulate Filter) life.

## HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit [www.benzollubricants.de](http://www.benzollubricants.de)

