

# TURBO S 15W40

## Description

Top tier synthetic mid SAPS, HDD engine oil, designed to meet the VOLVO VDS-4 long drain specification for engines equipped with DPF systems. It offers excellent soot handling, oxidation and anti-wear protection for extended oil drain intervals.

## Application

turbo s 15w40 is suitable for HDD engines (simple and TURBO) with DPF filters meeting latest Euro and previous emission requirements. Approved by VOLVO Renault and Mack.

## Operation Characteristics

- Protection of metal parts against corrosion and rust
- Resistance to oxidation at high temperatures
- Compatibility with all gaskets and sealing materials
- Excellent soot control.
- Excellent performance at low temperatures
- Excellent detergency
- Strong wear protection and overall engine performance.

## Specifications, Approvals, Recommendations

API CJ-4/SN, ACEA E7/E9, VOLVO VDS 4 approval, MACK EO-O Premium Plus approval, RENAULT RLD-3 approval, CUMMINS CES20081, MB 228.31, MAN M 3575, DDC PGOS 93K218, Deutz DQC III-10 LA, JASO DH-2, MTU Cat. 2.1, CAT ECF-3, Scania Low Ash.

## Typical Physical Characteristics

	ASTM	15W-40
<b>SPECIFIC GRAVITY (kg/lit)</b>	D 1298	0,885
<b>VISCOSITY AT 40°C (cSt)</b>	D 445	109
<b>VISCOSITY AT 100°C (cSt)</b>	D 445	14,5
<b>VISCOSITY INDEX</b>	D 2270	145
<b>FLASH POINT (°C) min.</b>	D 92	230
<b>POUR POINT (°C)</b>	D 97	-36
<b>TBN</b>	D 2896	10

*These are typical values. Small variation should be expected for future productions / blendings.*

## Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.