

# Product Information: Endura T4 L 15W-40

**Previous name: Synergy 15W-40**

## Description

Endura T4 L 15W-40 is a mid-SAPS, heavy duty diesel engine oil, which is manufactured from high quality group II base fluids and a tailored additive system. The product provides excellent anti-wear protection and handling of soot, sludge and piston deposits, it exhibits outstanding thermal and oxidative stability, as well as protection against rust and corrosion. Endura T4 L 15W-40 meets the requirements for low emission diesel engines that employ, exhaust gas re-circulation (ECR), selective catalyst reduction (SCR/AdBlue), diesel particulate filters (DPF) and diesel oxidation catalysts (DOC).

## Applications

Endura T4 L 15W-40 is recommended for use in Euro IV, V and VI on-highway diesel engines and Tier 3 & 4 off-highway diesel engines, where the original equipment manufacturer recommends an engine lubricant of this quality, performance level and viscosity.

## Performance Features

- Effective control of soot, sludge & piston deposits
- Protection of exhaust after-treatment systems
- Excellent anti-wear performance
- Effective protection against rust & corrosion
- Excellent resistance to oxidative thickening
- Outstanding thermal stability

## Performance Levels

- API: CK-4/SN
- ACEA: E9, E7
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel DFS 93K222
- Deutz QQC III-10 LA
- Ford WSS M2C171-F1
- Mack EOS 4.5
- Mercedes 228.31
- MTU Type 2.1
- Renault VI RLD 4
- Volvo VDS 4.5

## Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	0.870	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	105	ASTM D445
Kinematic Viscosity @ 100°C	cSt	15.5	ASTM D445
Viscosity Index		156	ASTM D2270
Flashpoint (Open)	°C	227	ASTM D92
Pour Point	°C	-33	ASTM D97
CCS @ -20°C	mPa•s	6240	ASTM D5293
Total Base Number	mg KOH/g	10.0	ASTM D2896

Figures based on average production values