

# Product Information: Endura T3 15W-40

## Description

Endura T3 15W-40 is a heavy-duty diesel engine oil formulated using high quality virgin mineral oils, which incorporate a tailored additive system, ensuring reliable and robust performance in severe on and off-highway applications.

The product provides high levels of engine cleanliness through excellent handling of soot and control of sludge and piston deposits, whilst offering excellent wear protection. The product exhibits excellent thermal and oxidative stability, as well as offering excellent protection against rust and corrosion.

## Applications

Endura T3 15W-40 is intended for use in a range of vehicle and engine types, including commercial vehicles, buses, coaches, plant and construction machinery, operating Euro IV; Euro V and Interim Tier 4 engines, where a lubricant of this quality, performance level and viscosity is called for by the original equipment manufacturer. It is not compatible with diesel particulate filters.

## Performance Features

- Shear stability
- Control of sludge and piston deposits
- Rust and corrosion protection
- Excellent handling of soot
- Protects against premature wear
- Thermally stable
- Resistant to oxidation

## Performance Levels

- API: CI-4/SL
- ACEA: E7
- Mercedes Benz: 228.3
- MAN: 3275
- Cummins CES 20077/78
- Volvo: VDS 3
- Caterpillar ECF-2
- Mack EO-N
- MTU Type 2
- Renault RLD 2
- Detroit Diesel 93K215
- Deutz DQC III-18
- Global DHD-1
- JASO DH-1

## Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	0.884	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	105	ASTM D445
Kinematic Viscosity @ 100°C	cSt	14.5	ASTM D445
Viscosity Index		142	ASTM D2270
Flashpoint (Open)	°C	230	ASTM D92
Pour Point	°C	-39	ASTM D97
CCS @ -20°C	mPa•s	7000 max	ASTM D5293
Total Base Number	mg KOH/g	10.2	ASTM D2896

Figures based on average production values