



ENEOS GRAND-Multi 15W-40

Performance, Robust Mixed Fleet Application Heavy Duty Diesel Engine Oil

ENEOS GRAND-Multi 15W-40 is an extra high-performance, robust engine oil, developed according to the latest oil-consumption and exhaust emission norms. It meets or exceeds all current quality requirements for European, American and Japanese diesel and gasoline oils specified by engine manufacturers. This Oil is especially suitable for the heavy diesel engines (trucks, Buses & construction machinery), but also can be applied in gasoline, LPG and light diesel engines (Cars & Light commercial vehicles), with or without turbocharger and/or catalytic converter and/or common rail. So, it is the perfect oil for a mixed fleet application. This Oil is ideal for fleet customers through longer oil-drain intervals, resulting in oil & fuel economy and cost saving in maintenance. It fulfills the strict norms concerning deposits on the piston crown, the upper piston-ring groove and the rest of the pistons.

SPECIAL FEATURES

1. Performance Base Oil

This Oil is blended from high performance base oils and optimized additives, so its high-temperature oxidation stability is superior to conventional motor oils. The high performance formulation of this product makes it ideal for both modern, demanding diesel engine as well as older heavy duty diesel engines working on low or high sulphur level.

2. Deposit Control Formulation

This Oil ensures both the engine and oil to stay in good condition due to the detergent dopes and the excellent oxidation inhibitors. Wear is limited to a minimum, even under the most severe circumstances, so that this oil is recommended for long oil drain intervals

3. Optimum Engine Performance

This oil has been designed to meet demanding condition of modern high output and low emission engines with reduced oil consumption, strong lubricating film to sustain higher combustion temperatures, increased engine temperatures and soot loads. Engineered also to help reduce fuel consumption, maintain cleaner combustion, control turbocharger deposits and provide excellent cold start.

PERFORMANCE LEVEL

- API CJ-4/SN
- ACEA E7/E9-16

- DTFR 15C100
- Volvo VDS-4
- MAN M3575
- MTU Type 2.1
- Cummins CES 20081
- Renault RLD-3
- Mack EO-O Premium Plus
- CAT ECF-3
- DFS 93K218

APPLICATION

This high performance oil has been tested and proven in wide range of applications, industries and mixed fleets including Heavy Duty diesel engines (trucks, Buses & construction machinery), but also can it be applied in gasoline, LPG and light diesel engines, with or without turbocharger and/or catalytic converter and/or common rail.

CONTAINERS

1L, 4L, 20L, 208L, 1000L IBC

TYPICAL PROPERTIES

SAE viscosity grade	15W-40
Density (15°C), g/cm ³	0.874
Flash Point, °C	219
Kinematic viscosity (40°C), mm ² /s	122.4
(100°C), mm ² /s	16.1
Viscosity index	138

CCS Viscosity(-20°C), mPa.s	<7,000
Pour point, °C	-42.0
HTHS Viscosity (150°C), mPa.s	4.1

TAN mgKOH/g	2.5
TBN mgKOS/g	9.9

Note: The typical properties may be changed without notice. (April 2020)

THE RECOMMENDATIONS OR SUGGESTIONS MADE IN THIS SHEET ARE MADE WITHOUT GUARANTEE OR REPRESENTATION AS TO RESULTS. THE CONTENT OF THIS SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE. WE ADVISE THE READER TO CAREFULLY EVALUATE THE PRODUCT CHOICE FOR CRITICAL APPLICATIONS TOGETHER WITH THE SUPPLIER. WE DO NOT ACCEPT RESPONSIBILITY FOR DAMAGE AS A CONSEQUENCE OF INCOMPLETENESS OR, NEGLIGENCE AND INACCURACIES IN THIS INFORMATION SHEET. ALL TERMS OF SALE OF THE SUPPLIER CAN BE APPLIED HERE.