



ADECO[®] LEADER

Product Description:

Multigrade engine oil ADECO[®] LEADER is manufactured from specially selected, high quality, selectively and hydro refined base oils and additive packages produced by the latest technology. Oil meets the requirements of the manufacturers of diesel and gasoline engines with and without turbocharger, which require fuel with a sulfur content of up to 0.5%. It is produced in two SAE viscosity grades: 15W-40 i 20W-50.

Purpose:

Multigrade engine oil ADECO[®] LEADER is used for the lubrication in a variety of the situations: from passenger vehicles to the hardest machines in mining and wood-processing industry, as well as for engines in construction and agricultural machines.

Engine oil ADECO[®] LEADER is intended for the operation in mixed fleets, for diesel and gasoline engines with or without turbocharging.

The Main Advantages:

- Excellent detergent-dispersant properties, which provide maximal cleanliness of modern engines, constructed according to the latest requirements of environmental protection;
- Outstanding oxidation stability which prevents oil thickening at high temperatures;
- Guaranteed protection against lacquer forming on the cylinder liners and bearing corrosion;
- Provided the necessary antifriction characteristics for gearboxes, transmissions and differentials of machines and equipments that are designed to operate with engine oil;
- Ensured normal operation of passenger cars with catalyst.

Physical and Chemical Properties:

<i>Characteristic, Unit</i>	<i>Referential Values</i>		<i>Method</i>
SAE Viscosity Grade	15W-40	20W-50	
Density at 15°C, g/cm ³	0,880 – 0,890	0,885 – 0,895	ASTM D 1298
Kinematic Viscosity at 100°C, mm ² /s	13 – 15	19 – 21	ASTM D 445
Viscosity Index	130	120	ASTM D 2270
Pour Point, °C	-25	-25	ASTM D 97
Total Base Number, TBN, mgKOH/kg	8	9	ASTM D 2896

Meet Specifications:

API CH-4/SL; ACEA A3/B4, ACEA E7; MB 228.1/229.1; Volvo VDS; MAN 271; VW 501.00/505.00; Alison C-4; Mack EO-M Plus; Cummins CES 20076/20071.