

SAE 15W-40 CI4 MAS

Description

ENGINE OIL CI4 15W-40 is a high performance semi synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger. ENGINE OIL 15W-40 is designed for use in Euro-II, Euro-III and EURO -IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. ENGINE OIL CI4 15W-40 may not be used in diesel engines equipped with a Diesel Particulate Filter (DPF). ENGINE OIL CI4 15W-40 is based on high performance synthetic base oil in combination with especially selected additive technology to ensure the following properties. The MAS formula is able to withstand 4 to 5 times more heat and friction compared to normal engine oil and has a higher friction coefficient allowing vehicles to operate in smoother condition. Also to a certain extend it can help to save fuel.

REDEFINING LIQUID ENGINEERING

Performance Benefits

Excellent thermal oxidation stability	Extended oil drain interval between 15,000 to 30,000km
Excellent protection against forming of bore polishing	Low temperature properties to ensure smooth cold start
Suitable for low emission engine equipped with EGR and SCR technology	Excellent protection against wear, foam and corrosion

TESTING METHODS	RESULTS
SAE GRADE	15W-40
VISCOSITY, ASTM D445	
cSt @ 40 °C	109
cSt @ 100 °C	14.5
Viscosity Index, ASTM D 2270	137
Sulfanated Ash, Wt%, ASTM D874	1.35



Total Base # , mg KOH/g, ASTM D 2896	12
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	230
Density @ 15°C kg/l, ASTM D 4052	0.88

Approval

Exceeds: ACEA E4/E7, API CI4, MB 228.5, MAN M3277, MTU Type 3, Deutz DQC III-10, Volvo VDS- 3, Renault RVI RLD-2, Mack EO-N, Scania LDF-3, DAF extended drain

PRODUCTS AVAILABLE IN 5L, 18L, 200L

Health, Safety & Environment

Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.