

SAE 15W-40 CF4 MAS

Description

CF4 15W-40 is a fuel saving MID SAPS super high-performance universal oil based on synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particulate Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system. 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

Thermal Oxidation stability	Control sludge build up and wax formation
Excellent detergency/ dispersancy	Cleaner engines leading to longer life span
High shear stability	Reduce oil consumption through wear and tear

Applications

It is designed as per requirement of Engine oil for use in BS I/ BS II Commercial vehicle diesel engines manufactured by Tata Motors.

TESTING METHODS	RESULTS
SAE GRADE	15W-40
VISCOSITY, ASTM D445	
cSt @ 40 °C	105
cSt @ 100 °C	14.4
Viscosity Index, ASTM D 2270	140



Sulfanated Ash, Wt%, ASTM D874	1.1
Total Base # , mg KOH/g, ASTM D 2896	8
Pour Point, °C, ASTM D 97	-28
Flash Point, °C, ASTM D 92	225
Density @ 15°C kg/l, ASTM D 4052	0.876

Approval

Volvo VDS 4.5, Mack EOS-4.5, MB-Approval 228.31 Exceeds: API CF4, ACEA E7/E9, API CK-4, DFS 93K222, DQC III-10-LA, MTU Cat 2. 1, Cummins CES 20086, MAN M3575, Renault RLD-3, CAT ECF-3, Ford M2C171-F 1

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.