

## SAE 10W-30 CF4

### Description

CF4 10W-30 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 High thermal stability and excellent oxidation and nitration resistance provides outstanding protection against in-service oil degradation in both gasoline and gas fueled engines that contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.

### REDEFINING LIQUID ENGINEERING

### Performance Benefits

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

### 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	10W-30
VISCOSITY, ASTM D445	
cSt @ 40 °C	69.1
cSt @ 100 °C	10.2

Viscosity Index, ASTM D 2270	132
Sulfanated Ash, Wt%, ASTM D874	1.1
Total Base # , mg KOH/g, ASTM D 2896	8
Pour Point, °C, ASTM D 97	-25
Flash Point, °C, ASTM D 92	235
Density @ 15°C kg/l, ASTM D 4052	0.87

## 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.advancelubeholdings.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.

