

Fullpro HT LSPS 5W-30

Approved Performance with Low SAPS



Technology

PRODUCT DESCRIPTION

Fullpro HT LSPS 5W-30, is a ultra high performance synthetic diesel engine oil that is based on state of art additive technology. Low sulphated ash, phosphor and sulphur (Low SAPS) content improves efficiency of exhaust gas emission systems such as Diesel Particulate Filter (DPF). Its special formula enables easy cold starting, piston cleanliness, low oil consumption and minimized exhaust gas emission level in heavy commercial vehicles.

APPLICATIONS

- It is suitable used in diesel engines of modern heavy duty vehicles with turbochargers.
- It is especially recommended for Euro III, Euro IV and Euro V engines fitted with DPF.

CHARACTERISTICS

- Its (Low SAPS) content improves efficiency and extends service life of exhaust gas emission systems such as DPF.
- Its advanced additive technology provides excellent wear protection in engine under full load and long term operations.
- Its improved friction characteristic provides fuel economy.
- Its high thermal and oxidation stability maintains its performance during the long oil drain interval that is recommended by the engine manufacturers.
- Its excellent fluidity during cold weather protects the engine against wear by providing quick lubrication of engine parts during the first start.
- Its low volatility reduces oil consumption, so it helps the decrease of hydrocarbon pollution.

APPROVALS

- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MB-APPROVAL 228.51
- RENAULT RLD-3
- VOLVO VDS-4.5

PERFORMANCES

- ACEA E9/E7/E6
- API CK-4/SN
- CUMMINS CES 20086
- JASO DH-2
- MAN 3677/3777
- MTU TYPE 3.1
- RENAULT RLD-4
- SCANIA LA

TYPICAL PROPERTIES

Density@15°C, g/ml	ASTM D 4052	0,858
Viscosity@ 40°C, mm ² /s	ASTM D 445	69,8
Viscosity@100°C, mm ² /s	ASTM D 445	11,6
Viscosity Index	ASTM D 2270	161
Flash Point, °C	ASTM D 92	229
Pour Point, °C	ASTM D 97	-36
TBN, mgKOH/g	ASTM D 2896	10,7
Sulfated Ash, wt%	ASTM D 874	0,74

HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.

The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Opet Fuchs Madeni Yağ. San. ve Tic. A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.

This Technical Data Sheet is valid from the date of publication. The information in the content of this Technical Data Sheet are subject to change without notice. Please contact with Opet Fuchs Technical Services Department for more information.