

Fullpro HT-FA LSPS 5W-30

Superior Performance Synthetic

Heavy Duty Diesel Engine Oil



PRODUCT DESCRIPTION

Fullpro HT-FA LSPS 5W-30, is a ultra high performance synthetic diesel engine oil that is based on the state of the art additive technology providing fuel economy.

APPLICATIONS

- It is suitable for use in the latest generation trucks and buses requiring API FA-4.

CHARACTERISTICS

- Its low sulphated ash, sulphur and phosphorous content improves efficiency and extends the service life of exhaust gas emission systems such as DPF.
- Its advanced additive technology provides excellent wear protection in engine under full load in long run operations that 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 helps decreasing the hydrocarbon pollution.

PERFORMANCES

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| • API FA-4 / SN | • JASO DH-2 |
| • CUMMINS CES 20087 | • MACK EOS-5 |
| • DETROIT DIESEL DDC93K223 | • RENAULT RLD-5 |
| • DFTR 15C130 (Former MB Approval 228.61) | • VOLVO VDS-5 |

TYPICAL PROPERTIES

Density@15°C, g/ml	ASTM D 4052	0,854
Viscosity@ 40°C, mm ² /s	ASTM D 445	59,7
Viscosity@100°C, mm ² /s	ASTM D 445	9,9
Viscosity Index	ASTM D 2270	151
Flash Point, °C	ASTM D 92	228
Pour Point, °C	ASTM D 97	-42
TBN, mgKOH/g	ASTM D 2896	9,2
Sulfated Ash, weight%	ASTM D 874	0,9

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.

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