



Havoline ProDS F 0W-20

Premium performance synthetic engine oil

Product description

Texaco Havoline® ProDS F 0W-20 is a premium performance synthetic engine oil, especially designed for Ford 1.5L EcoBlue engines and for vehicles requiring Ford WSS-M2C952-A1.

Havoline ProDS F 0W-20 is formulated with synthetic base oils and advanced additives, designed for durability, wear protection, low temperature performance, reduced emissions and fuel efficiency. It is a mid SAPS oil suitable for use in gasoline and diesel passenger cars, light duty commercial diesel engines and hybrid vehicles, and is compatible with diesel particulate filters (DPF) and three-way catalysts (TWC).

Customer benefits

- Helps minimize exhaust emissions – through mid SAPS technology designed to protect catalysts and diesel particulate filter systems.
- Contains advanced cleaning additives designed to help minimize deposit and sludge build-up extending engine life while maintaining fuel economy.
- Low temperature fluidity aids rapid lubricant circulation during cold engine starts, contributing to increased engine protection.
- Use of synthetic base oils in combination with advanced cleaning additives helps minimize deposit formation and wear extending engine life.
- LSPI protection helps prevent engine super knock caused by Low-Speed Pre-Ignition (LSPI) the resultant severe engine damage.
- Advanced additive technology helps control the impact of fuel/water dilution in hybrid engines.

Product highlights

- **Advanced mid SAPS technology helps reduce emissions**
- **Keep clean performance helps minimise deposits and extend engine life**
- **Low temperature formulation helps enhance cold start lubrication**
- **Helps prevent LSPI-related engine damage**
- **Formulated to manage hybrid engines' fuel/water impact**

Selected specification standards include:

ACEA	API
Ford	Jaguar Land Rover

Applications

- Havoline ProDS F SAE 0W-20 is suitable for use in gasoline and diesel passenger cars or light diesel vans from Euro 6 onwards - with or without turbocharger; with or without particulate filters fuelled with European type of fuels and for hybrid vehicles.
- Havoline ProDS F SAE 0W-20 is designed for Euro 6 vehicles requiring Ford WSS-M2C952-A1 engine oils. It applies especially to vehicles equipped with 1.5L EcoBlue engines, and hybrid engines.
- Havoline ProDS F SAE 0W-20 is unsuitable for some engines.

Consult owner manual or handbook if in doubt.

Approvals, performance and suitable for use

Approvals

- Ford WSS-M2C952-A1
(Acknowledged by Ford Motor Co)

Performance

- ACEA C5-23, C6-23
- API SP
- JLR STJLR.03.5006

Product maintenance and handling

Before using the product, the vehicle's maintenance guide should be checked to ensure that manufacturer's recommendations are followed.

The product should not be stored at temperatures above 60°C and should be kept away from sunlight, intense cold and extreme temperature fluctuations.

Typical test data

Test	Test Methods	Results
Viscosity Grade		SAE 0W-20
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.843
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	38.6
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	8.1
Viscosity Index	ASTM D2270	190
Pour Point, °C	ASTM D97	-42
Flash Point COC, °C	ASTM D92	235

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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