



# Havoline® ProDS F SAE 5W-20

## Premium performance Ford Ecoboost gasoline engine oil

### Product description

Havoline ProDS F SAE 5W-20 is a premium performance synthetic passenger car engine oil especially designed for use in direct injected, turbocharged, 1.0L 3-cylinder Ford Ecoboost gasoline engines requiring lubricants meeting Ford WSS-MC948-B specifications.

Havoline ProDS F SAE 5W-20 is formulated with premium quality synthetic base oils in combination with an advanced additive system designed to deliver long-life engine wear resistance, cold temperature protection, reduced exhaust emissions, and improved fuel efficiency performance.

### Customer benefits

- Designed to reduce engine friction and provide improved fuel economy without compromising on engine reliability and durability
- Helps reduce maintenance costs through extended drain times and advanced long-life engine and emission system protection
- Low Phosphorus formulation helps protect three-way catalysts in emission control systems, offering reduced exhaust emissions
- Low temperature fluidity aids rapid lubricant circulation during cold engine starts, contributing to increased engine protection
- Synthetic base oils in combination with advanced cleaning additives minimise deposit formation and wear, helping extend engine life
- Advanced cleaning additives designed to minimise deposit and sludge build-up, extend engine life and maintain fuel economy

### Product highlights

- **Designed for improved fuel economy**
- **Offers long-life engine and emission system protection**
- **Helps protect three-way catalysts**
- **Low temperature engine protection**
- **Promotes extended engine life**

#### Selected specification standards include:

ACEA	API
Ford	ILSAC
Jaguar Landrover	

## Applications

- Havoline ProDS F SAE 5W-20 is designed for Ford 1.0L 3-cylinder Ecoboost gasoline engines but can also be used for gasoline engines where WSS-M2C925-B is prescribed due to backwards compatibility\*
- Havoline ProDS F SAE 5W-20 does not cover WSS-M2C917-A (Ford KA) nor WSS-M2C937-A (Ford focus ST & Ford Focus RS)\*

\* Consult owners' manual if in doubt.

## Approvals, performance and recommendations

### Approvals

- Jaguar Landrover ST-JLR 03.5004

### Performance

- ACEA C5, A1/B1
- API SN-Resource Conserving
- ILSAC GF-5
- Ford WSS-M2C948-A, WSS-M2C948-B

### Recommendations

Havoline ProDS F SAE 5W-20 is suitable for use in:

- Applications requiring Ford WSS-M2C925-B and 945-A

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-20
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15 °C, kg/l	ASTM D4052	0.832
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ISO 3104	45
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ISO 3104	8.4
Viscosity Index	ISO 2909	162
Pour Point, °C	ISO 3016	-39
Flash Point COC, °C	ISO 2592	234

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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