



# Havoline® ProDS MG SAE 0W-20

Premium performance low emission, fuel economy engine oil

## Product description

Havoline ProDS MG 0W-20 is a premium performance synthetic low SAPS engine oil, designed with advanced technology additives to help deliver latest OEM fuel economy and maintain low exhaust emission output requirements.

Havoline ProDS MG SAE 0W-20 is suitable for use in direct and indirect injection gasoline engines, passenger cars equipped with a gasoline particulate filter (GPF) and diesel direct injection and other diesel passenger cars equipped with a diesel particulate filter (DPF).

## Customer benefits

- Formulated with an advanced technology additive system to meet latest OEM low emission and fuel-efficient engine requirements
- Premium performance SAE 0W-20 viscosity grade in combination with a premium additive system helps improve fuel economy
- Low SAPS design helps maintain low exhaust emissions and protect catalysts, and gasoline and diesel particulate filter systems
- Designed to keep high temperature engine components clean, offering protection against turbocharger deposits
- Helps prevent Low Speed Pre-Ignition, offering improved engine service life
- Latest industry tests show good results in preventing engine super-knock and engine damage

## Product highlights

- **Formulated to maintain low emissions and fuel-efficient performance**
- **Advanced low SAPS, low viscosity design**
- **Promotes catalyst, GPF and DPF service life**
- **Designed for high temperature keep-clean engine protection**
- **Helps prevent Low Speed Pre-Ignition**
- **Latest industry tests show good super knock prevention**

### Selected specification standards include:

ACEA	API
BMW	Daimler
ILSAC	Opel/Vauxhall
Volvo	

## Applications

- Havoline ProDS MG SAE 0W-20 is suitable for use in gasoline engines (direct and indirect injection) and gasoline cars equipped with a GPF. Havoline ProDS MG SAE 0W-20 is suitable for use in many brands of diesel engine (direct injection) and diesel cars equipped with a DPF\*.
- Havoline ProDS MG SAE 0W-20 is not suitable for vehicles requiring a VW 508.00/509.00 approved engine oil. For cars requiring these specifications we recommend Havoline ProDS VB SAE 0W-20.

\* Consult owners' manual or handbook if in doubt.

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

## Approvals, performance and recommendations

### Approvals

- BMW LL-17FE+ (approval pending)
- Daimler MB-Approval 229.71 (approval pending)
- Volvo VCC RBS0-2AE 0W-20 (approval pending)

### Performance

- ACEA C5
- API SN Plus / Resource Conserving
- ILSAC GF-5
- Opel/Vauxhall\* OV0401547 †

† Excludes GM Europe and Dexos 2 Gen 2

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 0W-20
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	—
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	8.2
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	41.6
Viscosity Index	ASTM D2270	—
Pour point, °C	ASTM D97	—
Flash point COC, °C	ASTM D92	—
Total Base Number, mg KOH/g	ASTM D2896	8.3
Sulphated Ash, %wt	ASTM D874	0.7

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.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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