Havoline® ProDS M SAE 5W-30

Premium performance synthetic low SAPS engine lubricant

Product description

Havoline ProDS M SAE 5W-30 is a premium performance synthetic low SAPS engine lubricant specially formulated with advanced technology additives to meet demanding OEM specifications including MB 229.52 engine lubrication requirements.

Havoline ProDS M SAE 5W-30 is a low-SAPS lubricant, suitable for both gasoline and diesel passenger cars and light duty commercial diesel engines, and is compatible with both diesel particulate filter (DPF) and gasoline three way catalyst (TWC) exhaust aftertreatment systems.

Customer benefits

- Premium low-SAPS formulation offers reduced exhaust emissions, extended DPF and TWC performance and service life
- Advanced synthetic design promotes engine protection over extended drain intervals, offering reduced service and costs
- Formulated for dependable low temperature fluidity, rapid oil circulation and reliable engine protection during cold start-up
- Efficient keep-clean additive technology helps reduce harmful deposit and sludge formation, offering extended engine life
- Robust synthetic base oil formulation offers reduced engine oil volatility and helps minimise oil consumption
- Meets MB 229.52, requiring improved oxidation stability and fuel economy compared with previous MB 229.51 specification

Product highlights

- **Offers extended DPF and TWC service life**
- **Promotes engine protection**
- **Formulated for protection at cold engine start**
- **Aids reduced deposit and sludge formation**
- **Helps minimise oil consumption**
- **Meets demanding MB 229.52 oxidation stability and fuel economy requirements**

Selected specification standards include:

ACEA	API
BMW	GM
Mercedes Benz	

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.

Applications

- Havoline ProDS M SAE 5W-30 is suitable for a wide range of gasoline and diesel passenger cars or light diesel vans - with or without turbochargers and is especially designed for extended drain intervals in Europe. It combines C3 – the most popular industry specification in Europe – with C2 – the second most popular base line for OEM specifications. C2 or C3 are also typically used for Kia, Hyundai and selected Japanese OEMs
- Havoline ProDS M SAE 5W-30 is recommended for vehicles requiring MB 229.52 approved engine oil and is backwards compatible with MB 229.51 and MB 229.31 engine oil specifications. This makes Havoline ProDS M SAE 5W-30 the Havoline oil with the widest application in Daimler/MB diesel passenger car engines. MB 229.52 is preferred quality for Bluetec diesels and in combination with biodiesel use
- Havoline ProDS M SAE 5W-30 is recommended for GM diesel and gasoline engines in Europe. Oils meeting GM Dexos 2 are required for vehicles manufactured from MY2011 onward but they are also backward compatible with older models. The GM Dexos 2 specification is meant to be the replacement for both GM-LL-A-025 (gasoline) and GM-LL-B-025 (diesel) specifications for the European market.

Havoline ProDS M SAE 5W-30 is unsuitable for some engines. Consult owners manual or handbook if in doubt.

Approvals, performance and recommendations

Approvals

- Mercedes Benz MB-Approval 229.52
  MB-Approval 229.51
  MB-Approval 229.31
- GM Dexos 2® license number D20210GL089

Performance

- ACEA C3, C2
- API SN
- BMW LL04 (approval pending)
- GM GM-LL-A-025*
  GM-LL-B-025*

* Dexos 2® is backwards compatible with GM-LL-A-025 and GM-LL-B-025 and as clearly defined by GM: “Dexos 2® replaces GM-LL-A-025 and GM-LL-B-025”

Typical test data

Test	Test Methods	Results
Viscosity Grade		**SAE 5W-30**
Shelf Life: 60 months from date of filling indicated on the product label		
Density, 15°C, kg/l	ASTM D4052	0.855
Visc, Kinematic, 40°C, mm²/s	ASTM D445	73
Visc, Kinematic, 100°C, mm²/s	ASTM D445	12.1
Viscosity Index	ASTM D2270	164
Pour Point, ºC	ASTM D5950	-46
Flash Point COC, ºC	ASTM D92	236

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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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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