



# Havoline® ProDS VB SAE 0W-20

## Premium performance synthetic fuel economy engine oil

### Product description

Havoline ProDS VB SAE 0W-20 is premium performance synthetic fuel economy engine oil specifically designed with advanced technology additives to meet Volkswagen-Audi 508.00/509.00 engine lubrication requirements.

Havoline ProDS VB SAE 0W-20 is suitable for latest Volkswagen-Audi direct and indirect gasoline injection engines, and direct injection diesel engines and all diesel passenger cars with diesel particulate filter (DPF) after treatment systems.

### Customer benefits

- Formulated to offer performance and protection to specific new low emission and fuel efficient engines designed by Volkswagen-Audi
- Low viscosity performance in combination with advanced additive system offers improved vehicle fuel efficiency
- Low SAPS technology designed to protect catalysts and DPF systems promotes low emission output
- Offers wear and corrosion protection to cylinders, pistons, rings, and valve trains, providing optimum engine service life
- Designed for soot dispersancy and sludge handling, protecting against engine wear
- Good low temperature pumpability helps with rapid oil circulation to minimise wear during cold temperature starting

### Product highlights

- **For new VW/Audi low emission, fuel efficient engines**
- **Offers improved vehicle fuel consumption**
- **Promotes low emission output**
- **Formulated for optimum engine service life**
- **Designed to protect against engine wear**
- **Aids cold temperature start-up**

#### Selected specification standards include:

ACEA

Porsche

Volkswagen

## Applications

- Havoline ProDS VB SAE 0W-20 is suitable for use in latest Volkswagen and Audi gasoline (direct & indirect injection) and diesel (direct injection) and all diesel passenger cars equipped with a DPF. It is a low SAPS fuel economy oil compatible with DPFs
- Havoline ProDS VB SAE 0W-20 is recommended for vehicles requiring a VW 508.00/509.00 approved engine oil, in practice also called VW Blue Oil and is **not backwards compatible** with other active and obsolete VW/Audi engine oil specifications
- Havoline ProDS VB SAE 0W-20 can only be used when allowed by VW as indicated in their car manuals/handbooks since this engine oil is unsuitable for some engines. Consult owners' manual or handbook if in doubt

## Approvals, performance and recommendations

### Approvals

- Volkswagen VW 508.00/509.00

### Performance

- ACEA A1/B1
- Porsche C20

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	0.834
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	7.90
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	37.9
Viscosity Index	ASTM D2270	186
Pour point, °C	ASTM D97	<-60
Flash point COC, °C	ASTM D92	233
Total Base Number, mg KOH/g	ASTM D2896	8.2
Sulphated Ash, %wt	ASTM D874	0.8

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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