Havoline® ProDS Fully Synthetic SAE 5W-40

Product Data Sheet



Customer benefits

Maximum engine life

Wider temperature range capability of the synthetic base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation. The effective anti-wear additive system minimizes wear in even the most sophisticated valve train mechanisms, including those with variable valve timing.

Maximum power and performance

Metallic detergent and ashless dispersant additive system ensures maximum power and performance by providing superior control of ring belt and piston skirt deposits, even under the most severe operating conditions.

Minimum maintenance costs

Superior thermal stability and oxidation resistance provides maximum protection against in-service oil degradation which contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train. Low metal, phosphorus and sulfur formulation extends emission system durability.

Low oil consumption

Synthetic, highly shear-stable formulation provides superior control of oil flow through the ring belt area by maintaining oil viscosity, and reduces oil evaporation at the elevated ring zone temperatures experienced under all operating conditions.

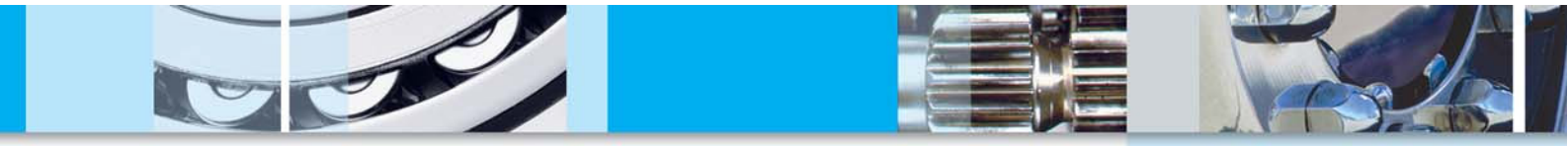
Applications

• High performance turbocharged gasoline and diesel engines in passenger cars and light commercial vehicles.

Product features:

• **Havoline® ProDS Fully Synthetic SAE 5W-40** is a premium performance, multigrade motor oil formulated from selected synthetic base fluids and matching additive technology for use in passenger car and light truck gasoline and diesel engines operating in all conditions.

• **Havoline® ProDS Fully Synthetic SAE 5W-40** more than meets the demand of high performance, latest technology engines. Its Deposit Shield® Technology offers outstanding wear protection for high performance engines.



Typical key properties

HAVOLINE® ProDS FULLY SYNTHETIC	
SAE Grade	5W-40
Product Code	500267
Base No., D2896, mg KOH/g	10.0
Phosphorus, m %	0.096
Sulfated Ash, m %	1.2
Zinc, m %	0.105
Viscosity,	
mm^2/s @ 40°C	83.6
mm^2/s @ 100°C	13.9

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Performance standards

- API SN (licensed)
- ACEA A3/B4, A3/B3
- Mercedes-Benz MB-Approval 229.5
- Porsche oil category A40 Approval
- Renault RN 0710/0700 Approval
- Approved under VW Standard 502 00 and VW Standard 505 00

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Caltex Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.caltex.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
J Asia Pacific

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