

Havoline® Fully Synthetic C3 SAE 5W-30

Synthetic Passenger Car Motor Oil



Product description

Havoline® Fully Synthetic C3 SAE 5W-30 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 under normal operating conditions.

Customer benefits and product features

Customer benefits

- **Maximizes engine life**

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

- **Maximizes power and performance**

Metallic detergent and ashless dispersant additive system helps provide maximum power and performance by providing excellent control of ring belt and piston skirt deposits, even under severe operating conditions.

- **Reduced emissions**

Formulated with latest generation technology containing reduced levels of metals, phosphorus and sulfur, it helps maximize the life of sensitive catalysts in catalytic converters and reduces the plugging rate of diesel particulate filters.

- **Minimizes maintenance costs**

Exceptional thermal stability and oxidation resistance helps provide 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 excellent control of oil flow through the ring belt area by maintaining oil viscosity and helps reduce oil evaporation at the elevated ring zone temperatures experienced under normal operating conditions.

Product features

- Havoline® Fully Synthetic C3 SAE 5W-30 is formulated with reduced levels of metals and the elements phosphorus and sulfur to provide maximum durability of the latest low emission vehicle technologies. It is optimized to provide excellent engine protection plus excellent performance.

Havoline[®] Fully Synthetic C3 SAE 5W-30

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Applications

- Gasoline and diesel engines in passenger cars and light duty trucks where ACEA C3, or API SN or earlier API 'S' performance categories are specified.
- Gasoline and diesel engines in passenger cars and light duty trucks where GM dexos2[™], MB 229.31 or MB 229.51 performance categories are specified.
- Naturally aspirated and turbocharged gasoline and diesel engines in passenger cars and light trucks.
- Low emission passenger car and light duty vehicle engines fitted with latest catalytic converter (gasoline) or diesel particulate filter technology.
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.

Not recommended for use in gas-fuelled (CNG or LPG) engines, or in motorcycle engines

Product approvals, performance, and recommendations

Performance standards

- API SN (licensed)
- ACEA C3
- Mercedes-Benz MB-Approval 229.51/229.31
- GM dexos2[™] licensed
(License Number D225AFDD089)
- Suitable for use in ACEA C2* engines

** Please note that user will not receive fuel economy benefits*

Consult OEM representatives for independent verification, updates and recommendations.

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Typical test data

HAVOLINE [®] FULLY SYNTHETIC C3 KEY PROPERTIES	RESULTS
SAE Grade	5W-30
Product Code	500207
Base No., D2896, mg KOH/g	8.0
Phosphorus, m %	0.08
Sulfated Ash, m %	0.8
Zinc, m %	0.09
Viscosity, mm ² /s @ 100°C	11.8

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 Global Lubricants: Asia Pacific.

ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the 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 the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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