

PRODUCT INFORMATION



Lubricants – Engine Oil – Passenger Car Motor Oils

Valvoline™ Hybrid C3 5W-30

High quality full synthetic engine oil specifically formulated for hybrid vehicles, this product offers the ultimate in performance and protection under all operating conditions. This product protects the engine from the harsh start up cycles and stop-start programs associated with hybrid vehicles. This protection is provided using the careful selection of special additives designed to improve oxidation, corrosion and wear protection.

Performance levels

ACEA C3
API SQ, SP
MB-229.31
MB-229.51

Applications

Formulated for use in both hybrid and non-hybrid vehicles that require an ACEA C3 or API SQ, SP engine oil requirement in the SAE 5W-30 viscosity grade.

Features and Benefits

Unique formula for superior protection

Valvoline Hybrid C-series engine oils are formulated with specially selected additives and antioxidants to ensure an increased level of protection in terms of oxidation, corrosion and wear especially for the hybrid vehicle challenges when compared to conventional engine oils.

Wear protection

Enhanced anti-wear additives to ensure a longer engine life and maintain vehicle efficiency.

Stop-start

Enhanced oxidation stability to ensure engine durability in the most adverse stop-start cycles. Improved oil flow and fast response at low temperature to reduce wear during the most severe stop-start conditions.

Deposit control

Enhanced soot control to prevent premature oil degradation

Water tolerance

Excellent water tolerance to maintain performance and protection.

Oxidation stability

Enhanced oxidation stability to ensure engine durability in the most severe stop-start cycles

Non-hybrid

Valvoline Hybrid C-Series engine oils can also be used in engines that require an ACEA C3, API SP and API SQ engine oil in the SAE 5W-30 viscosity grade

Low Speed pre-ignition

LPSI protection incorporated

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline Global Operations is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants, transmission fluids, gear oils, hydraulic lubricants, automotive chemicals, specialty products, greases, and cooling system products.

For more information on Valvoline products, programs and services please visit <https://www.valvolineglobal.com/en-eur/> or <https://pisheets.valvolineglobal.com>

Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <https://sds.valvolineglobal.com>

Typical properties

Valvoline Hybrid C3 Motor Oil	
SAE Viscosity Grade	5W-30
Viscosity @ 100°C, mm²/s ASTM D445	12.3
Viscosity @ 40°C, mm²/s ASTM D445	75
Viscosity Index ASTM D2270	163
Viscosity @ -30°C, mPa.s ASTM D5293	< 6400
TBN, mg KOH/g ASTM D2896	9.1
Pour Point, °C ASTM D5949	-39
Density @ 15°C, g/cm³ ASTM D4052	0.850
Flash Point, COC, °C. ASTM D92	212

*The data provided is for reference only and can be applied only for the specific production location.

This information only applies to products manufactured in the following location(s): Europe

Effective date: 7/21/2026