

PRODUCT INFORMATION



Lubricants – Engine Oil – Passenger Car Motor Oils

Version: 084/01

Valvoline™ Hybrid C3 Motor Oil SAE 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: SP

API: SN

Applications

Formulated for use in both hybrid and non-hybrid vehicles that require an ACEA C3 or API: SN, 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 and separation capability to prevent sludge from forming

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: SN 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 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 www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Hybrid C3 Motor Oil	
SAE Viscosity Grade	5W-30
Viscosity, mm²/s @ 100 °C. ASTM D-445	12,3
Viscosity, mm²/s @ 40 °C. ASTM D-445	74,8
Viscosity Index ASTM D-2270	163
Viscosity, mPa.s -30°C. ASTM D-5293	<6400
TBN, mg KOH/g ASTM D-2896	9,1
Pour Point, °C ASTM D-5949	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,850
Flash Point, COC, °C. ASTM D-92	212

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

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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