

PRODUCT INFORMATION



Lubricants – Engine Oil – Passenger Car Motor Oils

Version: 087/01

Valvoline™ Hybrid C5 Motor Oil SAE 0W-20

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: C5

API: SP

API: SN

Applications

Formulated for use in hybrid and non-hybrid passenger cars that require an ACEA C5 or API: SN, SP engine oil in the SAE 0W-20 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 situations. Improved oil flow and fast response at low temperature to prevent 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 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: C5, API: SP and API: SN engine oil in the SAE 0W-20 viscosity grade

Low Speed pre-ignition

LSPI protection incorporated

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VALVOLINE EUROPE
WIELDRECHTSEWEG 39
3314 BG DORDRECHT
NETHERLANDS

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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.valvolineurope.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 C5 Motor Oil	
SAE Viscosity Grade	0W-20
Viscosity, mm²/s @ 100 °C. ASTM D-445	8,3
Viscosity, mm²/s @ 40 °C. ASTM D-445	44,4
Viscosity Index ASTM D-2270	166
Viscosity, mPa.s -35°C. ASTM D-5293	<6000
TBN, mg KOH/g ASTM D-2896	8,9
Pour Point, °C ASTM D-5949	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0,844
Flash Point, COC, °C. ASTM D-92	228

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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