

PRODUCT INFORMATION



VALVOLINE™ EXTENDED PROTECTION FULL SYNTHETIC SAE 5W-20 ENGINE OIL

Valvoline Extended Protection Full Synthetic SAE 5W-20 Engine Oil is a premium full synthetic motor oil that is formulated with the highest quality synthetic base oils, and with premium additive chemistry, to meet the demanding requirements of turbo-charged and gasoline direct-injected engines. **Extended Protection SAE 5W-20** has dual defense additive technology designed to extend the life of your engine by providing high levels of fuel efficiency and deposit protection under severe service conditions.

Valvoline Extended Protection Full Synthetic SAE 5W-20 Engine Oil is approved and licensed for the newly adopted API SP classification, protecting GDI (Gasoline Direct Injection) engines from low-speed pre-ignition (LSPI).

Valvoline Extended Protection Full Synthetic SAE 5W-20 Engine Oil Advantages:

- Innovative additive booster to help protect against wear
- Fortified detergent system to help reduce deposits, sludge, and varnish formation
- Enhanced thermal and oxidative stability
- Flows easily at low temperature for enhanced cold start protection

Approvals and Licenses:

SAE 5W-20

API SP	X
ILSAC GF-6A	X
API SN with SN Plus	X
API Resource Conserving	X
ILSAC GF-5	X

Meet and Recommended Applications:

SAE 5W-20

Ford WSS-M2C960-A1	X
Chrysler MS-6395	X

Typical Properties:

SAE 5W-20

KV100 (cSt)	8.3
KV40 (cSt)	45
Viscosity Index	162
Density @ 15 °C kg/m ³	0.849
CCS (cP @ °C)	<6200@ -30
Pour Point (°C)	</= -36
HTHS (cP)	2.6
Zinc (ppm)	940
Phosphorous (ppm)	800
Noack (% loss)	<15.0

This information only applies to products manufactured in the following location(s): USA, Canada

Effective Date:
3/15/21

Author:
LK