

# PRODUCT INFORMATION



## VALVOLINE™ ADVANCED FULL SYNTHETIC SAE 20W-50 MOTOR OIL

Valvoline Advanced Full Synthetic SAE 20W-50 Motor Oil is a premium full synthetic motor oil formulated with the highest quality synthetic base oils and premium additive chemistry to meet the demanding requirements of your engine.

### Ultimate protection for Gas and Diesel Engines:

- Full synthetic formula for exceptional high and low temperature protection
- Extra wear protection designed to keep engine parts like new
- Extra detergents help fight sludge and deposits
- Superior antioxidants resist motor oil breakdown in extreme conditions

Approvals and Licenses:	SAE 20W-50
API SP	X
ACEA A3/B3 & A3/B4	X

Typical Properties:	SAE 20W-50
KV100 (cSt)	20.9
KV40 (cSt)	169
Viscosity Index	145
Density @ 15 °C g/m <sup>3</sup>	0.867
CCS (cP @ °C)	<8500@-15°C
Pour Point (°C)	≤ -24
HTHS (cP)	5.4
Zinc, ppm	940
Phosphorous, ppm	800
Noack (% loss)	<6

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

Effective Date:  
11/5/20

Author's Initials:  
LK