



Borealis Heavy Duty
Synthetic Blend Heavy-Duty Engine Oils
SAE 15W-50 & SAE 20W-50; API CJ-4/SN

Product Description

Borealis Synthetic Blend Heavy-Duty Engine Oil, SAE 15W-50 and SAE 20W-50, API CJ-4/SN are parasyntetic crankcase lubricants for use in modern diesel engines. Formulated with a blend of synthetic and conventional base oils as well as a premium quality additive package, this oil exhibits excellent detergent, dispersant, anti-wear, anti-corrosion, anti-oxidant, and anti-foaming properties.

Typical Properties*

SAE J300 Viscosity Grade	15W-50	20W-50
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	129.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	17.5	18.5
Viscosity Index, ASTM D2270	150	130
CCS Apparent Viscosity, cP, ASTM D5293	6,300@-20°C	6,250@-15°C
Flash Point, °C, ASTM D92	220	225
Pour Point, °C, ASTM D97	-35	-30
Total Base Number, mg KOH/g, ASTM D2896	9	9

*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Exceeds Performance Requirements:

API CJ-4, CI-4 Plus, CI-4, CH-4, CF-4, CF-2, CF
API SN, SM, SL, SJ, SG

Product Code

SAE 15W-50 – SXF208
SAE 20W-50 – SXF209

