



Borealis 4T(Four Stroke)
Synthetic Blend Engine Oil SAE 10W-30,
10W-40, 20W-50 API SL, JASO MA2

Product Description

Borealis Synthetic Blend Engine Oils 4T (Four-Stroke) are parasynthetic, high-performance, multi-grade lubricants for use in high-RPM, 4-stroke motorcycle engines with integral gear boxes and wet clutches as well as for use in any application requiring a four-stroke engine oil meeting the requirements of JASO MA2, JASO MA or API SN. Blended with synthetic basestocks and premium performance additives, **Borealis Synthetic Blend Engine Oils 4T (Four-Stroke)** provide excellent protection during rapid RPM increase. Specialty friction modifiers provide for smooth clutch and gear shift operation while specialty anti-oxidants and sophisticated dispersant technology provide enhanced cleanliness. **Borealis Synthetic Blend Engine Oils 4T (Four-Stroke)** are highly shear stable therefore eliminating viscosity breakdown. These products are parasynthetic multi-grade engine oils suitable for use in all seasons.

Typical Properties*

SAE J300 Viscosity Grade	10W-30	10W-40	20W-50
Appearance, Visual	Amber, Transparent, Liquid		
Viscosity @ 40°C, cSt, ASTM D445	69.55	97.25	160.55
Viscosity @ 100°C, cSt, ASTM D445	11.0	14.5	18.5
Viscosity Index, ASTM D2270	150	155	130
CCS Apparent Viscosity, cP, ASTM D5293	4,800@-25°C	5,200@-25°C	7,000@-15°C
MRV Apparent Viscosity, cP, ASTM D4684	16,000@-30°C	23,000@-30°C	18,000@-20°C
Flash Point, °C, ASTM D92	215	215	220
Pour Point, °C, ASTM D97	-42	-40	-30

*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.

Suitable for Use:

API SL JASO MA2 JASO MA

Product Codes:

SAE 10W-30 – SXF190
SAE 10W-40 – SXF191
SAE 20W-50 – SXF192

