



ROYAL PURPLE® MAX-CYCLE®

MOTORCYCLE AND ATV OIL

Royal Purple® Max-Cycle® is specifically formulated to exceed the demands of highly stressed engines and transmissions. It is recommended for use in both air-cooled and liquid-cooled 4-cycle engines and is compatible with wet-clutch transmissions.

Formulated with select synthetic base oils and Royal Purple’s proprietary Synerlec® additive technology, Max-Cycle provides improved film strength when compared to the leading synthetic and mineral oil. Its shear stability and oxidation resistance promotes greater performance and protection.

Max-Cycle meets or exceeds API requirements and is rated JASO MA2, the highest wet clutch compatibility rating under the JASO T903:2011 Clutch Friction Test.

Performance Advantages

- Greater wear protection
- Cleaner, more efficient engines
- Superior rust / corrosion protection
- Cooler operation and less parasitic power loss

		SAE GRADE	
Typical Properties*	Method	10W-40	20W-50
Viscosity	D445		
cSt @ 40°C		92	165
cSt @ 100°C		14	20
Viscosity Index	D2270	155	141
Cold Crank Simulator	D5293		
cP @ -25°C		5341	—
cP @ -15°C		—	4,491
TBN, mg KOH/g	D2896	9.6	9.5
Flash Point °C (°F)	D92	204 (400)	213 (415)
Pour Point °C (°F)	D6892	-49 (-56)	-26 (-15)
HTHS	D4683		
cP @ 150°C		3.95	5.05

**Properties are typical and may vary.*