



Description

EXPLORER uses synthetic base oils with high thermal stability, combined with an advanced-technology additive package designed to ensure consistent lubrication in highly demanding environments. Its formulation drastically reduces internal friction, improves engine response, and protects the most sensitive components: the wet clutch, gearbox, and valve train. Its balanced combination of viscosity and shear resistance provides a robust lubricating film even under extreme temperatures and high engine speeds, maintaining engine power at all times.

Properties

- Maximum oxidation resistance: Allows extended oil change intervals by minimizing lubricant degradation even under intensive use.
- Advanced wear protection: The combination of synthetic base oils and anti-wear additives ensures greater engine durability, even under extreme loads typical of off-road riding.
- Low volatility: Its low-evaporation formulation reduces oil consumption by up to 30% compared to competing formulations, thereby reducing top-ups.
- Wet clutch optimization: Perfect control of the friction coefficient prevents clutch slippage and improves traction and disc performance.
- Smoother and more precise gear changes: Its formulation, specifically developed for integrated engine-clutch-gearbox systems, delivers quieter and more efficient shifting.
- Excellent cold performance: Carefully optimized viscosity facilitates starting and ensures instant lubrication even at low temperatures.
- Proven performance in extreme conditions: Tested with professional riders under high and low temperatures, severe loads, and prolonged use both on-road and off-road.

Applications

- 4-stroke motorcycles for urban, road, touring, and adventure use.
- Off-road motorcycles and vehicles: enduro, motocross, trial, quads, ATVs, and snowmobiles.
- High and low temperature conditions, dust, humidity, and long-distance operation.
- Users seeking consistent power, superior protection, and total reliability in any environment.

Quality levels, approvals and recommendations

• API SP

• JASO T 903:2023 MA2*

*Formal approval



Technical specifications

	UNIT	METHOD	VALUE				
SAE Grade			10W-30	5W-40	10W-40	5W-50	10W-50
Density at 15 °C	g/cm ³	ASTM D4052	0,846	0,854	0,851	0,850	0,850
Kinematic viscosity at 40 °C	cSt	ASTM D445	62	80	89	124	123
Kinematic viscosity at 100 °C	cSt	ASTM D445	10,7	13,5	14,1	19,8	18
Viscosity index	-	ASTM D2270	164	170	160	183	160
Flash point, open cup	°C	ASTM D92	214	>200	244	218	244
Pour point	°C	ASTM D97	-39	<-36	-39	-42	-39
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	10,6	>12	>12	19,6	>15
Sulphated ashes	% in weight	ASTM D874	<1,2	0,8	0,8	<1,2	0,8
TBN	mg KOH/g	ASTM D2896	7	7	7	7	7

The above mentioned characteristics are typical values and should not be considered product specifications.