



Description

The Repsol Extreme line is the direct result of the work carried out at the Repsol Technology Center (TechLab) and the experience gained from more than 50 years linked to competition. Thanks to this, this product is the official lubricant for the Moto2™ and Moto3™ categories of the MotoGP™ World Championship. Developed with 100% synthetic technology with PAO Technology, this range has been designed for high-performance engines that operate under severe temperature and RPM conditions on both circuits and roads.

Properties

- Superior Thermal Stability: Formulated with base oils highly resistant to oxidation, maintaining ideal viscosity even under extreme thermal stress, ensuring the integrity of the lubricant film.
- Clutch System Optimization: Tested to deliver an optimal friction coefficient, preventing clutch slippage (oil-immersed) and enabling smoother and more precise gear shifts, which is essential for sport riding.
- Low Volatility: Its low-evaporation formulation reduces oil consumption by up to 30% compared to competing formulations, thus minimizing top-ups.
- Mechanical Performance: Reduction of internal friction thanks to the high shear resistance of our lubricants, resulting in better utilization of engine power and reduced wear of moving engine parts.

Applications

Fully versatile for high-performance 4-stroke engines, compatible with all on-road and off-road engines.

Quality levels, approvals and recommendations

• API SP

• JASO T 903:2023 MA2*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE				
SAE Grade			5W-40	10W-40	10W-50	15W-50	10W-60
Density at 15 °C	g/cm3	ASTM D4052	0,846	0,850	0,853	0,853	0,852
Kinematic viscosity at 40 °C	cSt	ASTM D445	83	83	127	135	173
Kinematic viscosity at 100 °C	cSt	ASTM D445	13,9	13	18	18,5	25
Viscosity index	-	ASTM D2270	170	170	166	162	180
Flash point, open cup	°C	ASTM D92	226	236	235	220	216
Pour point	°C	ASTM D97	-36	-42	-39	-39	-45
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	>12	>12	>12	>12	>12
Sulphated ashes	% in weight	ASTM D874	<1,2	<1,2	<1,2	<1,2	<1,2
TBN	mg KOH/g	ASTM D2896	6,3	7	7	7	7

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