

## DESCRIPTION

**Longlife Premium Motor Oil** is a premium multi-grade engine oil engineered to meet or exceed the stringent lubrication demands of modern four-stroke gasoline engines, compliant with API SP and ILSAC GF-6A standards. Formulated from highly refined paraffinic and synthetic base oils, combined with advanced additive chemistries, this oil delivers enhanced fuel economy, superior protection for emission control systems, and exceptional performance in diverse applications, including passenger cars, light trucks, powerboats, motorcycles, and other mobile or stationary equipment. This high-performance lubricant offers outstanding oxidation resistance, viscosity retention, and cold-flow properties, ensuring reliable operation across a wide range of temperatures and conditions. Designed to minimize engine deposits, **Longlife Premium Motor Oil** provides excellent antiwear protection, safeguarding critical engine components. It also delivers superior resistance to corrosion, sludge, varnish, emulsification, and foaming, ensuring long-term engine

## APPLICATIONS

**Longlife Premium Motor Oil** is recommended for a diverse array of vehicles and fuel types requiring API SP and ILSAC GF-6A approved lubricants:

- Passenger cars, light-duty trucks, SUVs, motorcycles, powerboats, and gas-powered four-stroke engines.
- Engines and manufacturers specifying API SP/ILSAC GF-6 A compliant engine oils.

## SPECIFICATIONS & RECOMMENDATIONS

- API SP, SN PLUS, SN, SM, SL, SG
- ILSAC GF-6A

## ADVANTAGES & BENEFITS

- **Superior Wear Protection:** Robust anti-wear and friction control additives safeguard critical engine components, including timing chains and valvetrains, under severe operating conditions.
- **Optimized Fuel Economy:** Low-friction formulation enhances fuel efficiency, reducing costs while maintaining excellent protection in high-revving, turbocharged engines.
- **Enhanced Engine Cleanliness:** Advanced additives control sludge, varnish, deposits, rust, and corrosion, ensuring cleaner engines and extended component life.
- **Extended Drain Intervals:** High thermal and oxidative stability, with improved viscosity retention, supports longer service intervals and engine durability.
- **Emission System Compatibility:** Protects vehicle emission systems, ensuring compliance and performance under diverse driving conditions.
- **Rapid Cold-Start Lubrication:** Excellent low-temperature flow properties enable quick lubrication of vital engine parts, ensuring reliable cold starts.
- **Backward Compatibility:** Fully compatible with previous API and ILSAC gasoline engine oil specifications, offering versatile, high-performance protection.

## HEALTH & SAFETY

This product is not anticipated to pose any adverse health risks when used as intended.

For additional details, refer to separate Safety Data Sheets, available upon request.



**LONGLIFE**  
 ULTIMATE PROTECTION FOR THE LONG HAUL

## TECHNICAL DATA/TECHNICAL PROPERTIES

PROPERTIES	SAE GRADE			
	5W-20	5W-30	10W-30	10W-40
Color	Amber	Amber	Amber	Amber
Viscosity @ 100 °C, cSt	6.9 – 9.3	9.3 – 12.5	9.3 – 12.5	12.5 – 16.3
Viscosity Index	153	161	151	160
Pour Point, °C(°F)	-39 (-38)	-39 (-38)	-39 (-38)	-39 (-38)
Flash Point, °C(°F)	>220 (428)	>220 (428)	>220 (428)	>220 (428)
Cold Cranking Simulator, °C(cP)	<6,600 @ -30	<6,600 @ -30	<7,000 @ -25	<7,000 @ -25
Noack Volatility	<15%	<15%	<15%	<15%
Product Code	LLPPCMO-5W20	LLPPCMO-5W30	LLPPCMO-10W30	LLPPCMO-10W40

\*All properties are typical and may vary.

Always adhere to the manufacturer's guidelines for the correct equipment fluid. Lubchem Specialties is not liable for any misuse of the product or improper application.