

Lotus Lubes™ PREMIUM-Blend Motor Oil

PRODUCT DESCRIPTION

LOTUS Lubes™ Premium-Blend Motor Oil is formulated from premium synthetic-blend base stocks and CleanGuard™ additive technology to deliver trusted engine protection and peak vehicle performance. CleanGuard™ is a state-of-the-art additive system that contains active cleaning agents that keeps engines running at ideal conditions. **LOTUS Lubes™ Premium-Blend Motor Oil** provides added resistance to sludge formation and varnish deposits during stop-and-go driving and maintains outstanding wear protection under severe driving conditions.

LOTUS Lubes™ Premium-Blend Motor Oil is available in SAE grades 5W-20, 5W-30, and 10W-30 and exceeds new car warranty requirements as defined by ILSAC standards GF-5 and API classification Resource Conserving SN.

FEATURE & BENEFITS

- * Excellent wear protection to protect critical engine components
- * Optimum fuel economy
- * Delivers excellent low-temperature performance
- * Maintains maximum engine protection under severe operating conditions
- * Protects vehicle emission systems
- * Exceeds ILSAC GF-5 and API Resource Conserving SN performance standards
- * Formulated with select 100% synthetic base stocks for maximum resistance to thermal breakdown
- * Improved oxidation stability and volatility properties reduce oil consumption between services
- * CleanGuard™ technology maintains engine cleanliness and protects against sludge and piston deposits



TYPICAL PHYSICAL PROPERTIES

SAE GRADE	Test Method	5W-20	5W-30	10W-30
API Service		SN	SN	SN
ILSAC Performance		GF-5	GF-5	GF-5
Density @ 15°C, g/cc3	ASTM D4052	0.861	0.863	0.871
Viscosity @ 40°C, cSt	ASTM D445	49.5	64.2	69.9
Viscosity @ 100°C, cSt	ASTM D445	85.5	10.8	10.6
Viscosity Index	ASTM D2270	153	161	148
Flash Point, °C (°F)	ASTM D93	207 (405)	207 (405)	207 (405)
Pour Point, °C (°F)	ASTM D97	-36 (-33)	-36 (-33)	-36 (-33)
CCS, cP, max	ASTM D5293	6200 @ -30	6300 @ -30	6600 @ -25
MRV, cP, max	ASTM D4684	30000 @ -35	30000 @ -35	25000 @ -30
HTHSV, @150°C, mPa.S	ASTM D4683	2.6	3.1	3.2
TBN, mg KOH	ASTM D2896	8.5	8.5	8.5
Volatility @ 700°F, %loss	ASTM D5800	<15.0	<15.0	<12.0
Zinc, wt%	ASTM D4951	0.085	0.085	0.085

Minor variations in typical physical properties may occur from normal manufacturing processes

APPLICATIONS

Recommended for turbo-charged or naturally aspirated gasoline-powered and flex-fuel passenger cars, hybrid vehicles, light trucks and sport utility vehicles requiring:

- * **ILSAC GF-5 & API Service Category Resource Conserving SN**
- * **Chrysler; MS-6395 (Revision S)**
- * **Ford; WSS-M2C945-A (5W-20) & WSS-M2C946A (5W-30)**
- * **General Motors; GM6094M (Obsolete)**