

KLONDIKE API SP/GF-6A Synthetic Blend Multi-Grade Engine Oils: SAE 5W-20, 5W-30, 10W-30



PRODUCT DESCRIPTION

KLONDIKE Synthetic Blend Multi-Grade Engine Oils are designed for use in passenger cars and light truck applications. These API certified formulations meet and exceed the latest automotive manufacturers' warranty requirements.

APPLICATIONS

KLONDIKE Synthetic Blend Engine Oils are recommended for passenger cars, light trucks, and other four-stroke gasoline powered equipment wherever API SP/ ILSAC GF-6 certified oils are required. For all-season use in engines operating on gasoline, high-ethanol gasoline (E-85), propane, or compressed natural gas (CNG).

KLONDIKE Synthetic Blend Engine Oils meet or exceed new car warranty requirements for North American, Asian, and European vehicles where API SP/ ILSAC GF-6 is referenced.

Check your owner's manual for specified or recommended fluid viscosity.



SPECIFICATIONS AND APPROVALS

KLONDIKE Synthetic Blend Engine Oils meet and exceed the requirements of the following service categories:

SAE 5W-20	SAE 5W-30	SAE 10W-30
API SP, SN Plus, SN, SM, previous	API SP, SN Plus, SN, SM, previous	API SP, SN Plus, SN, SM, previous
ILSAC GF-6A, GF-5, GF-4	ILSAC GF-6A, GF-5, GF-4	ILSAC GF-6A, GF-5, GF-4
Chrysler MS-6395, MS-10797	Chrysler MS-6395	Chrysler MS-6395
Ford WSS M2C153, M2C930-A, M2C945-A, M2C945-B1, M2C960-A1	Ford WSS M2C929-A, M2C946-A, M2C946-B1, M2C961-A1	
GM 6094M	GM 6094M	GM 6094M

FEATURES AND BENEFITS

KLONDIKE Synthetic Blend Multi-Grade Engine Oils are engineered to perform and are designed to provide the highest levels of engine protection available. These premium engine oils contain only the highest quality, hydrotreated, paraffinic base oils and a technologically advanced additive system, which includes detergents, dispersants, viscosity improver, anti-wear, and anti-friction agents, as well as oxidation and corrosion inhibitors.

KLONDIKE Synthetic Blend Multi-Grade Engine Oils deliver exceptional protection and performance characteristics over the full service interval. These oils deliver exceptional resistance to thermal viscosity breakdown, outstanding low temperature fluidity, and resist engine component wear and deposit formation under the most severe driving conditions.

KLONDIKE Synthetic Blend Multi-Grade Engine Oils provide value through the following benefits:

- **Extended engine life** - reduced friction for excellent protection against engine wear.
- **High viscosity index** - highly resistant to viscosity and thermal breakdown from extended high temperature operation.
- **Emission compliant** - fights volatility burn-off to minimize engine deposits and exhaust emissions.
- **Efficient** - low friction formulations for improved fuel economy - certified resource conserving.
- **Wide application** - modern additive technology protects new engines as well as older, high mileage engines.



KLONDIKE API SP/GF-6A Synthetic Blend Multi-Grade Engine Oils

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	KLONDIKE		
		5W-20 SYN BLEND	5W-30 SYN BLEND	10W-30 SYN BLEND
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.857	0.86	0.87
Viscosity @ 40°C cSt	ASTM D445	51.75	67.6	68.4
Viscosity @ 100°C cSt	ASTM D445	8.9	11.3	10.6
Viscosity Index	ASTM D2270	154	161	142
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)	-45°C (-49°F)	-42°C (-44°F)
Color	ASTM D1500	3	3	3
Cold Cranking Simulator at (°C), cP	ASTM D5293	5100 (-30)	5500 (-30)	5400 (-25)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	2.68	3.05	2.97
Noack Volatility, % loss	ASTM D6375	13.0	12.0	12.0
Calcium, wt. %	ASTM D5185	0.099	0.099	0.099
Zinc, wt. %	ASTM D5185	0.085	0.085	0.085
Phosphorus, wt. %	ASTM D5185	0.077	0.077	0.077
Sulfur, wt. %	ASTM D4951	0.3	0.3	0.3
Boron, wt. %	ASTM D5185	0.02	0.02	0.02
Magnesium, wt. %	ASTM D5185	0.06	0.06	0.06
Molybdenum, wt. %	ASTM D5185	0.008	0.008	0.008
Sulfated Ash, wt. %	ASTM D874	0.92	0.92	0.92
Nitrogen, wt. %	ASTM D4629	0.087	0.087	0.087
Pumping Viscosity at (°C), cP	ASTM D4684	17,000 (-35)	19,000 (-35)	20,000 (-30)
Shear Stability, final cSt	ASTM D6278	7.55	8.6	8.6
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0	0/0	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0	0/0	0/0
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0	0/0	0/0
High Temperature Foaming, static foam	ASTM D6082 (Opt. A)	20/0	20/0	20/0
Gravity, °API	ASTM D287	33.5	33.5	31.3
TBN, mgKOH/g	ASTM D2896	7.0	7.0	7.0

All stated physical properties are typical of standard production and may vary.



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HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other KLONDIKE product, please visit www.klondikelubricants.com or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

PRODUCT NUMBERS

5W-20 API SP/GF-6 SYNTHETIC BLEND	Bottle: 946 mL	KL-LD1040
	Jug: 4.73 L / 1.25 GAL	KL-LD1060
	Pail: 18.9 L / 5 GAL	KL-LD1080
	EZE-BOX: 22 L / 5.8 GAL	KL-LD1082
	EZE-KEG: 52 L / 13.74 GAL	KL-LD1084
	Drum: 208 L / 55 GAL	KL-LD1090
	Tote: 1040 L / 275 GAL	KL-LD1095
	Bulk	KL-LD1099

5W-30 API SP/GF-6 SYNTHETIC BLEND	Bottle: 946 mL	KL-LD1240
	Jug: 4.73 L / 1.25 GAL	KL-LD1260
	Pail: 18.9 L / 5 GAL	KL-LD1280
	EZE-BOX: 22 L / 5.8 GAL	KL-LD1282
	EZE-KEG: 52 L / 13.74 GAL	KL-LD1284
	Drum: 208 L / 55 GAL	KL-LD1290
	Tote: 1040 L / 275 GAL	KL-LD1295
	Bulk	KL-LD1299

10W-30 API SP/GF-6 SYNTHETIC BLEND	Bottle: 946 mL	KL-LD1440
	Jug: 4.73 L / 1.25 GAL	KL-LD1460
	Pail: 18.9 L / 5 GAL	KL-LD1480
	EZE-BOX: 22 L / 5.8 GAL	KL-LD1482
	Drum: 208 L / 55 GAL	KL-LD1490
	Tote: 1040 L / 275 GAL	KL-LD1495
	Bulk	KL-LD1499

BRAVING THE FORCE OF MOVEMENT

KLONDIKE stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive KLONDIKE product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the KLONDIKE products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards and specifications.

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