

# KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Heavy Duty Engine Oil



## PRODUCT DESCRIPTION

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil is an advanced, heavy duty, high performance engine oil recommended for modern naturally aspirated and turbocharged four-stroke engines running on natural gas.

## APPLICATIONS

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil is a premium, heavy duty engine oil designed for use in naturally aspirated and turbocharged four-stroke engines running on natural gas. This specialized oil is recommended for use in stationary natural gas engine applications where straight grade SAE 40 oils are typically specified but where operators demand multi-grade performance or where low temperature start-up issues exist.

Typical applications for KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil include (but are not limited to):

- Off-highway, stationary, heavy duty natural gas engines such as pipeline pumping stations, generators, and pumps in construction, agriculture, marine, and mining applications.
- On-road low emission heavy duty natural gas and LP gas engine designs.



## FEATURES AND BENEFITS

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil is a premium heavy-duty engine oil engineered to deliver outstanding performance in modern heavy-duty natural gas and LP gas engines. Formulated with ultra-pure, premium paraffinic and synthetic base oils and specialized additive technology, this advanced engine oil delivers outstanding long-term performance in service applications operating under high-load, high-stress conditions and in all seasons. Premium formulation components minimize the coefficient of friction between moving parts inside an engine promoting energy conservation and potential fuel economy savings through reduced viscous drag, easier engine starts, and reduced need for warm-up idling.

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil utilizes field proven additive technology which delivers outstanding oxidation control, engine cleanliness, and viscosity retention for outstanding service life. Anti-wear protection exceeds industry standards and tough OEM specifications. The combination of these additives with premium base oil yields a finished fluid which resists carbon deposits in the combustion chamber and exhaust ports as well as keeps spark plugs clean.

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil delivers value through the following benefits:

- **Premium base oil** – outstanding performance characteristics promote easy low temperature startability and resists degradation and oxidation at high temperatures.
- **Performance** – advanced additive technology keeps internal engine components clean with minimal carbon deposits on internal components.
- **Outstanding anti-wear** – wear protection exceeds tough OEM specifications even in severe service applications for outstanding engine durability.
- **Emission compliant** – fully compliant with all current emission control equipment.



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## SPECIFICATIONS AND APPROVALS

KLONDIKE SAE 10W-40 Synthetic Blend Low Ash Natural Gas Engine Oil meets the requirements of the following specifications and is recommended for use in applications calling for:

- **Cummins®** - CES 20074
- **Detroit Diesel®** - PGOS 93K216
- **Waukesha** – Class A (up to 1000 cubic inches)
- **Ingersoll Rand** – Class I, II natural gas
- **Caterpillar** – where multi-grade is recommended
- **Cooper-Bessemer**
- **Fairbanks-Morse**

Other applicable uses may exist. Please contact KLONDIKE for more information.

## TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	10W-40 SYN BLEND LOW ASH
Specific @ 15.6°C	ASTM D4052	0.875
API Gravity	ASTM D287	32.4
Viscosity @ 40°C, cSt	ASTM D445	103.0
Viscosity @ 100°C, cSt	ASTM D445	15.0
Viscosity Index	ASTM D2270	152
CCS @ -25°C, cP	ASTM D5293	6100
Pour Point, °C	ASTM D5950	-42
Flash Point, COC, °C	ASTM D92	225
Sulfated Ash, wt %	ASTM D874	0.53

All stated properties are typical of standard production and may vary. KLONDIKE reserves the right to change product specifications and/or performance properties at its discretion and without notice.

## 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](http://www.klondikelubricants.com) or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

## 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.

### KLONDIKE Lubricants Corporation

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## PRODUCT NUMBERS

SAE 10W-40 SYNTHETIC BLEND LOW ASH NATURAL GAS HEAVY DUTY ENGINE OIL	Tote: 1040 L / 275 GAL	KL-HD7295
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