

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant



PRODUCT DESCRIPTION

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant is an advanced, virgin ethylene glycol based, multi-purpose, extended life coolant designed for use in all automotive and light duty truck engine applications requiring OAT based extended life coolant.

APPLICATIONS

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant meets the requirements specified by ASTM D3306 and SAE J1034 for automotive/light duty applications and is designed for use in all types of automobiles and light duty trucks where an extended life, maximum service life antifreeze/coolant is specified.



FEATURES AND BENEFITS

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant is a virgin ethylene glycol based product blended with a proprietary OAT (organic acid technology) high performance additive package. This coolant is silicate, phosphate, nitrate, borate, and amine free and is designed for use in all types of automotive engines, particularly those containing aluminum alloys. Proven performance chemistry provides antifoam properties as well as protection against rust and corrosion for all cooling system materials such as aluminum, brass, copper, solder, steel and cast iron. Advanced OAT corrosion inhibitor system ensures year-round protection against freeze-ups, boil-overs, and engine cooling system corrosion. OAT inhibitor technology ensures maximum service life and full compatibility with other extended life and conventional coolant technologies with no adverse effect making this formulation compatible for use in all automotive and light duty truck applications regardless of make, model, year, or original antifreeze/coolant colour – one coolant product suitable for global automotive application. This formula also includes ingredients to disperse minor oil leakage, prevent fouling, control hot surface scaling, and will not damage auto finishes or rubber parts. It provides 5 years or 250,000 km of superior protection and performance.

Mixes readily with clean tap water.

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant is available in concentrate and 50/50 prediluted versions for convenience and versatility.

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant delivers value through the following benefits:

- **Wide application range** – global inhibitor technology ensures maximum protection across a vast range of automotive and light duty truck applications.
- **Long service life** – 5 years or 250,000 km in automotive or light duty truck service when correct maintenance practices are followed.
- **Protection** – provides excellent protection to all cooling system components including aluminum.
- **Compatibility** – compatible with most major brands of extended life and conventional coolant technology



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SPECIFICATIONS AND APPROVALS

KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant is recommended for use where the following specifications are listed:

- **ASTM D3306**
- **SAE J1034**
- **BS 6580**
- **BMW**
- **Chrysler/FCA MS-12106, MS-90032, MS-9769**
- **Ford WSS-M97B57-A2, WSS-M97B44-D/D2/E1/E2**
- **GM 6277M (DEX-COOL)**
- **Honda/Acura**
- **Hyundai/Kia MS 591-08**
- **Isuzu**
- **JASO M325**
- **JDS-G135**
- **JIS K2234**
- **Mazda**
- **Mitsubishi ES-64217**
- **Nissan/Infiniti**
- **Subaru**
- **Suzuki**
- **Toyota/Scion/Lexus TSK 26016**
- **Volvo VCS 20774185**
- **VW/Audi TL774-C, F, G (G11, G12+, G12++)**



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TYPICAL RESULTS	AUTOMOTIVE OAT ELC
Specific gravity	D1122	1.110 – 1.145
Boiling Point, undiluted	ASTM D1177	162°C/325°F min.
Boiling Point, 50% V/V	ASTM D1120	107°C/226°F min.
Freeze Point, 50% V/V	ASTM D1177	-36.7°C/-34°F min.
pH, 50% V/V	ASTM D1287	8.1
Foaming	ASTM D1881	150 mi vol., max.
Temp 5 sec. break, max.		0.30/0.30
Effect on non-metals		No adverse effect
Effect on vehicle finish		No adverse effect
Color		Yellow

% ANTIFREEZE	FREEZING POINT		BOILING POINT*	
	°F	°C	°F	°C
40%	-9	-24.4	220	104
50%	-34	-36.7	264.9	129.4
60%	-62	-52.2	270.0	132.2
70%	-84	-64.4	275.0	135.0
*Boiling point shown using conventional 15 psi radiator cap.				

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

Technical Notes:

- KLONDIKE Yellow Automotive OAT ELC Antifreeze/Coolant is an advanced, extended life antifreeze/coolant.
- This product contains bittering agent. Bittering agent is a flavor aversive that may help reduce the accidental ingestion of this product
- Antifreeze/Coolant concentrate must be mixed with clean water for maximum performance.
- KLONDIKE recommends 50/50 solution of antifreeze/coolant and clean water to meet stated performance characteristics. For maximum protection against freezing in extremely cold areas, a 60 - 70 percent solution may be used. Concentrations greater than 70 percent are not recommended.
- DEX-COOL® and GM are registered trademarks of General Motors Corporation.
- NOTE: Used antifreeze coolant in most jurisdictions is not hazardous unless it contains more than 5 ppm of lead. Never dispose of by dumping into a storm sewer or onto the ground. Instead, contact your local municipality for instructions on where and how to properly dispose of this coolant and protect our environment.



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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

Yellow Automotive OAT ELC Antifreeze – Concentrate	Jug: 3.78 L / 1 GAL	KL-CH9050
	Drum: 208 L / 55 GAL	KL-CH9090
	Tote: 1040 L / 275 GAL	KL-CH9095
Yellow Automotive OAT ELC Antifreeze – 50/50 Ready to Use	Jug: 3.78 L / 1 GAL	KL-CH9150
	Drum: 208 L / 55 GAL	KL-CH9190
	Tote: 1040 L / 275 GAL	KL-CH9195

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

Toll-free 1-877-293-4691

info@klondikelubricants.com
www.klondikelubricants.com

