

ARCTIC™

Extreme Service Grease



TECHNICAL DATA SHEET

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DESCRIPTION

JET-LUBE ARCTIC™ is an excellent service grease that has passed the Shell Roll Test for 100 hours at 66°C (150°F), and passed Federal Test Method Standard No. 791B, Method No. 3454.2 "Leakage Tendencies of Automotive Wheel Bearing Greases" and ASTM 1263.

ARCTIC is an anhydrous, calcium 12-hydroxystearate grease. It has an amber color, and no solid additives such as graphite, molybdenum disulphide, or zinc oxide. It passes the salt-spray resistance and rust tests for severe environmental contact greases.

ARCTIC is particularly suitable for use in extreme cold environments such as cold rooms, cold storage lockers, ice plants, and on refrigeration or cold storage equipment. It will resist such environmental contact as humidity, ice, and road salts without hardening, washing off, or deteriorating. The extreme temperature range over which **ARCTIC** is functional allows it to resist cold without deterioration of the lubricating properties and still withstand summer or otherwise hot temperatures.

CHARACTERISTICS

- Contains no solid additives
- Extremely resistant to salt spray
- All temperature formula; effective winter or summer
- Water resistant
- Rust and corrosion resistant
- Color - Amber

APPLICATIONS

ARCTIC may be used on automobiles and aircraft, in industrial applications, or anywhere lubricating properties of a moderate to severe nature are required over a wide range of temperatures. ARCTIC should not be used in extreme service applications requiring a solid-loaded grease, or on highly-loaded bearings.

PRODUCT SPECIFICATIONS

Thickener	Calcium 12-Hydroxy
Fluid Type	Lubricating Oil
Color/Appearance	Amber Colored Grease
Dropping Point (ASTM D-566)	141°C (285°F)
Specific Gravity, Typical	0.89
Density (kg/liter), Typical	0.89
Additive Type	Organic EP/AW, R&O
Flash Point (ASTM D-92)	>320°C (160°F)
Autoignition Point (Calculated)	>500°C (260°F)
NLGI Grade	2
Penetration @ 25°C (77°F) (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1B
Shell 4 Ball (ASTM D-2596)	
Weld Point, kgf	200
Load Wear Index	25
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<10
Base Oil Viscosity (ASTM D-445), cSt @ 40°C	19.8 - 24.2

OPERATING RANGE

-54°C to 106°C (-65°F to 225°F)

PACKAGING

Inventory Code	Container Size	Container
35050	400 g	Cartridge
35016	35 Lb.	Pail

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.