



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

ARCTIC™ Extreme Cold Temperature Grease

DESCRIPTION

ARCTIC is an extreme service grease that has passed the Shell Roll Test for 100 hours at 66°C (150°F), and passed U.S. Federal Test Method Standard No. 791B-Method No. 3454.2 "Leakage Tendencies of Automotive Wheel Bearing Greases" and ASTM 1263. ARCTIC is a Calcium 12-hydroxy stearate grease with a dropping point of 141°C (285°F). It has an amber colour, and no solid additives such as graphite, moly disulphide, or zinc oxide. It also passes the application salt spray resistance and rust tests required by the United States Government for its severe environmental contact greases. ARCTIC is particularly suitable for use in extremely 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. ARCTIC has an extreme temperature range which allows it to resist cold without deterioration of the lubricating properties and still withstand summer or other high temperatures.

Flash Point(ASTM D-92):	160°C (320°F)
Autoignition Point(CALCULATED):	260°C (500°F)
NLGI Grade:	2
Penetration(IP50/ASTM D-217) @ 25°C (77°F):	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 @ 200 hours:	<10
Base Oil Viscosity (ASTM D-445) cSt @ 40°C (104°F):	19,8-24,2

ADVANTAGES

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

PACKAGING

Code	Net contents	Container
50119813	400g	Cartridge
63896374	5kg	Pail
57446530	12,5kg	Pail
45292194	181,4kg	Drum

APPLICATIONS:

ARCTIC may be used on road vehicles, in industrial applications, or anywhere lubricating properties of a moderate to severe nature are required over a wide range of temperatures. ARCTIC protects against fretting and provides excellent water resistance.

Conforms to MIL-G-25537-C and MIL-10924-D.

PRODUCT CHARACTERISTICS

Service Range:	-54°C (-65°F) to 107°C (225°F)
Thickener:	Calcium 12-Hydroxystearate
Fluid Type:	Petroleum Oil
Colour/Appearance:	Amber Grease
Dropping Point(ASTM D-566):	141°C (285°F)
Specific Gravity:	0,89
Additive Type:	Organic EP/AW, R&O

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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