

Technical Data Sheet

Blue Grease HT



Overview

An industrial grease designed for applications involving high heat, water, extreme pressure, and high loads. It will not separate, soften, or run in applications involving heavy loads. Recommended for rolling element bearings in rotating machinery operating across a wide range of temperatures, where resistance to water washing and corrosion are important.

Features/Benefits

- High dropping point
- Excellent resistance to water and corrosion
- Exceptional mechanical stability
- High load carrying properties
- Excellent thermal stability

Applications

Recommended for rolling element bearings in rotating machinery operating across a wide range of temperatures, where resistance to water washing and corrosion are important.

Method of Application

Cartridge

Identification

High Temperature Grease

Size

14 oz.

Directions for Use

Apply generously to any machinery that requires lubrication. You may use any equipment immediately after.

Technical Specifications

- OPERATING TEMPERATURE RANGE: < -30°C to +140°C (< -4°F to +284°F)
- APPEARANCE/COLOR: Blue
- BASE OIL TYPE: Synthetic Blend
- BASE OIL VISCOSITY: 40°C, 220 cSt
- THICKENER TYPE: Lithium Complex
- DROPPING POINT: >250°C
- NLGI GRADE: 2
- WORKED PENETRATION (x60): 25°C (77°F) 265-295
- WORKED STABILITY (x10,000): 25°C (77°F) Δ < 10
- OIL SEPARATION DURING STORAGE: 24 hrs 6%
- LOW TEMPERATURE TORQUE: -40°C (-40°F) Starting: 5.78 N-m Running: 4.42 N-m
- COPPER CORROSION: 24 hrs @ 100°C (212°F) 1b
- RUST PREVENTION: 48 hrs @ 52°C (125°F) Pass
- WATER WASHOUT: 38°C (100°F) < 5%, 79°C (174°F) < 5%
- WEAR PREVENTION (4 BALL METHOD): 1200 rpm, 40 kg, 1 hr, 52100 steel 0.55mm
- EXTREME PRESSURE PROPERTIES (4 BALL METHOD): Load Wear Index >50, Weld Load 315 kgf
- ROLL STABILITY (% CHANGE): 2 hrs, 70°C < 15
- WHEEL BEARING LEAKAGE (g): 160°C, 20h < 10
- ELASTOMER COMPATIBILITY SAE AMS 3217/2C (NBR): Δ volume, % +8.5, Δ hardness, Durometer-A points -2
- ELASTOMER COMPATIBILITY SAE AMS 3217/3C (CR): Δ volume, % +24, Δ hardness, Durometer-A points -9

(1 of 2)

Caution

WARNING May cause an allergic skin reaction.

PREVENTION Avoid breathing mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection.