

ACG - 102

High Quality Lubricating Synthetic Grease

Product description

ACG-102 is completely synthetic grease, supreme performance, wide-temperature, antiwear and consistency is between a NLGI No. 1 and No. 2 grease.

ACG-102 resists water washing, provides superior load-carrying ability, reduces frictional drag, and prevents excessive wear.

The wax-free nature of the synthetic base fluid, together with its high viscosity index compared to mineral oils, provide excellent low temperature pump ability, very low starting and running torque, and can help reduce operating temperatures in the load zone of rolling element bearings.

Field of application

ACG-102 is especially recommended for use wherever severe operating conditions are encountered as in high bearing loads, high speeds, wide operating temperature range, and particularly where long grease retention and high resistance to water washout are required.

The wide range of applications include aircraft wheel bearings, engine accessories, control systems, actuators, screw-jacks, servo mechanisms and electric motors, helicopter rotor bearings, instruments, airframe lubrication, hinge pins, static joints, landing gears.

Analogous

MIL-PRF-81322F Approved DOD-G24508A

British : Approved DEF STAN 91-52

French : Approved DCSEA 395/A

Russian : Analogue of CIATIM 201 & 203

NATO Code : G-395

Features and benefits

- High viscosity index (VI) synthetic base stock with no wax content.
- Excellent performance in -70 °C
- Excellent protection against wear and corrosion.
- Extreme-pressure protection characteristics.
- High thermal/oxidative stability.
- High resistance to water washout.

Packaging

ACG-102 is packed in 220Kg metal drum.

Safety Precautions

ACG-102 is not hazardous according to the standards on the classification of mixtures. It is recommended to wear protective gloves, eye protection and goggles and to take the usual precautions for handling chemical products.



T-CHEM KİMYASAL ÜRÜN VE
TEKNOLOJİLERİ ANONİM ŞİRKETİ

Technical Data	
Properties	Typical
NLGI Grade	2
Dropping Point, °C (ASTM D 2265)	200
Penetration @ 25°C 60 Stoke Worked, mm/10 (ASTM D217)	275
Oil Separation, 30 Hrs at 177°C, wt % (ASTM D 6184)	3
High Temperature Performance, Hrs at 177°C (ASTM D 3336 (modified))	Pass
Four-Ball Wear, Scar die, mm (ASTM D 2266)	0.7
Load Wear Index, Kg f (ASTM D 2596)	40
Low Temp. Torque at -54°C (-65°F), Nm (g-cm) (ASTM D 1478) Starting Running, after 1 Hr	0.98 (10,000) 0.098 (1,000)
Oxidation Stability, pressure drop in kPa (ASTM D 942) 100 Hrs at 99°C 500 Hrs at 99°C	83 max 172 max

Dirt Count, Particles/mL (FTM 3005) 25-74 Micron 75 Micron or Larger	1000max 0
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