NEXUS LUBRICANT

Product Data Sheet

NEXUS GREGO HT

HIGH TEMPERATURE INDUSTRIAL GREASE

Description

Nexus Grego HT is an advanced high-temperature grease formulated with a specially engineered thickener system that has been proven through years of field performance. It is designed to deliver reliable lubrication under extreme temperature and load conditions where conventional greases fail.

Nexus Grego HT provides outstanding thermal stability, maintaining its structure and lubricating properties at temperatures up to **290°C**, and up to **300°C with continuous relubrication**. Its robust formulation ensures excellent anti-wear performance, strong adhesion to metal surfaces, and resistance to water, making it suitable for the most demanding industrial environments.

Available in multiple variants, **Nexus Grego HT** can be tailored to meet specific requirements of high-temperature bearing applications.

Applications

Nexus Grego HT is recommended for:

- Lubrication of high-temperature bearings in severe industrial environments
- Kilns, ovens, dryers, and furnaces
- Steel, cement, glass, and processing industries
- Conveyors, rollers, and chains exposed to extreme heat
- Heavy-duty bearings subjected to high loads and shock loads
- Textile machinery operating under elevated temperature conditions
- Applications requiring continuous lubrication at extreme temperatures

Benefits

- **Exceptional High-Temperature Capability**
  Performs reliably up to 290°C, and up to 300°C with relubrication
- **Outstanding Load Carrying Performance**
  Protects components under extreme and shock loading
- **Excellent Thermal Stability**
  Maintains grease structure and lubrication film at high temperatures

- **Strong Adhesion**
  Stays firmly on metal surfaces, reducing lubricant loss
- **Superior Anti-Wear Protection**
  Extends the service life of bearings and components
- **Water Resistance**
  Maintains performance even in the presence of moisture
- **Extended Service Life**
  Reduces maintenance frequency and downtime
- **Versatile Product Range**
  Available in multiple variants to suit different operating conditions

Property	Method	Grego HT100	Grego HT200	Grego HT300
NLGI Grade	ASTM D217	2	2	2
Appearance	Visual	Red	Brown	White
Base Oil	—	Mineral & Synthetic Blend	Mineral & Synthetic Blend	Mineral & Synthetic Blend
Density @ 20°C, g/ml	ASTM D1475	0.932	0.939	0.941
Worked Penetration (60 strokes @ 25°C), 0.1 mm	ASTM D217	265 – 295	265 – 295	265 – 295
Dropping Point, °C	ASTM D2265*	265	>280	>290
Base Oil Viscosity @ 40°C, mm^2/s	ASTM D445	270	270	270
Rust Test – Emcor	ASTM D6138	0 / 0	0 / 0	0 / 0
Water Washout @ 79°C, % Loss	ASTM D1264	2	2	2
Oil Separation (100°C, 30 hrs), %	ASTM D6184	8.9	8.9	8.9
Evaporation Loss (100°C, 22 hrs), %	ASTM D2595	0.3	0.3	0.3
Copper Corrosion (24 hrs, 100°C)	ASTM D4048	1a	1a	1a

Property	Method	Grego HT100	Grego HT200	Grego HT300
SRV Friction / Wear (Coef. / mm)	ASTM D5707	0.08 / 0.65	0.08 / 0.65	0.08 / 0.65

*Subject to usual manufacturing tolerances

Nexus Grego HT

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