JETTA OG460 open gear and wire rope grease

DESCRIPTION

JETTA OG460 is a high-performance grease engineered for demanding industrial applications. Its formulation is based on:

- **Non-soap thickener with high thermal stability** – ensures reliable performance under elevated temperatures.
- **Synthetic base oil with exceptional temperature resistance** – provides consistent lubrication across a wide operating range.
- **Advanced additive system** – enhances protection against wear, oxidation, and corrosion.
- **Micronized molybdenum disulphide (MoS_2)** – fortifies the grease with solid lubricant particles for added load-carrying capacity and wear resistance.

Cost Saving Benefits

Thermal and Mechanical Stability

- Superior mechanical stability particularly in the presence of heat
- High dropping point, typically in excess of 260ºC
- Resist separation under centrifugal forces

Resistance to Water and Alkalies

- Excellent resistance to water washout and Spray-off and alkaline medium.

Pumpability

- Good pumpability characteristics

Application Areas

Unlike soap-thickened greases, **JETTA OG460** does not melt, resulting in only minimal changes to its consistency with increasing temperatures. It is designed to resist softening in open gears and wire ropes, even at normal and high temperatures. This characteristic allows it to maintain its position, offering effective sealing and continuous lubrication, even in the presence of vibration.

TYPICAL DATA

JETTA OG460	
Appearance	Smooth grease
Colour	Dark Grey
Base oil -	Synthetic oil
NLGI	0/00
Base oil viscosity @ 40°C (IP71), cSt @ 40°C @ 100°C	 1050 46
Worked Penetration (IP50)	395
Thickener	Bentonite Clay
Oxidation Stability (IP142) 100 hrs @ 99°C, pressure drop, psi	4
Copper corrosion (IP112)	Pass
Dropping point (IP132) °C	>260
Specific gravity	0.97
Loss on drying (Vol. 4)(150o, 4 h)	<0.05
Operating temperature	-10 °C to 200°C (continuous), 260°C (intermittent)

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.