

SG-390

SYNTHETIC WATER-RESISTANT HI LOAD GREASE

GENERAL DESCRIPTION:

Selco SG-390 is high performance, extreme-pressure grease which combines a synthetic base fluid with a lithium complex soap thickener. The thickener system provides a high dropping point, excellent resistance to water wash, and a tenacious structural stability. The unique physical properties of the synthetic base oil, combined with selective additives, provide outstanding protection against wear, rust, corrosion, and high temperature degradation. The wax-free feature of the synthetic base oil allows for low-temperature mobility/pumpability and very low starting and running torque values. Also, the traction property of the synthetic base fluid in these greases is considerably lower than mineral oil, allowing for temperature reductions in the load zone of rolling element bearings.

RECOMMENDED USAGE:

This grease therefore is an ideal grease for high load, water and heat resistant applications where there is a combination of very high loads and a possibility of presence of water as in drying range machine cylinder bearings. It is an adhesive grease, resistant to steam, good pressure absorption capacity. Also suitable as a valve and sealing grease for plain and rolling bearings operating at low speeds.

ADVANTAGES:

- High resistance to wear
- Reduced power loss due to very low coefficients of friction
- Excellent adhesion – reduced lubricant consumption
- Not washed away by water, compatible with boiling water
- Non-toxic in food processing machinery
- Low evaporation at high temperatures
- Suitable for all direct or indirect types of heating
- Very good protection against corrosion, excellent aging resistance



PROPERTIES:

PROPERTIES	VALUE	TEST METHOD
Base Oil	Synthetic	
Operating Temperature	-25°C to +250°C	
Penetration	265-295	: ASTM D 127
Dropping Point	> 250°C	: ASTM D 2265
Corrosion Prevention	Pass	: ASTM D 1743
Water wash out 79°C wt. %, max.	5.5	: ASTM D 1264