

Product Data Sheet

Servogem Super HT, HT(T) & HTXX

Premium High Temperature Greases



Description

Servogem Super HT is high temperature, high melting premium quality calcium sulphonate complex product. This is specially formulated to meet the demand of severe high temperature and EP Grease for boundary lubrication.

Servogem Super HT (T) is a premium quality modified calcium sulphonate complex grease suitable for lubrication over a wide temperature range of (-)10 Deg C to (+) 180 Deg C has excellent pumpability characteristics. This is specially formulated to meet the demand of high temperature and EP property for boundary lubrication.

Servogem Super HTXX is premium quality calcium sulphonate complex grease to withstand high temperature, which is fortified with special type of solid lubricants. This is specially formulated to meet the demand of severe high temperature and EP Grease for boundary lubrication.

Performance, Features and Benefits

- Has excellent resistance to oxidation thereby enabling it to withstand sustained exposure to high temperatures
- Ensures minimum softening and loss of structure at high temperatures, even when subjected to substantial shear
- Has excellent resistance to water wash out.
- Prevents spot welding and seizure of moving parts often caused by shock loading.

Application

Servogem Super HT (T) is suitable for centralized lubrication systems of large industrial units. Servogem Super HT (T) is an ideal choice for steel plant applications such as continuous caster, couplings, oscillators, run out rolls, blower, etc. It is also suitable for mining industries for applications such as rock crushers, conveyer, drilling machine etc.

Servogem Super HT & HTXX greases are recommended for both plain and antifriction bearings wide variety of applications such as automotive and industrial. These grades are preferred for Steel Mill Lubrication under high load and high temperature conditions.

Approvals / Performance Standards / Recommendations

Servogem Super HT

- Exceeds IS:7623-1993
- Meets IPSS 1-09-005.

Servogem Super HTXX

- Exceeds IS:7623-1993
- Has been performing satisfactorily in slab caster of CCS in BSP, Bhilai.
- Has been performing satisfactorily in run out table of CCS of DSP SAIL Plants and other Steel Plants

Typical Physical Characteristics

Servo Press Mould Grease	Method	Super HT	Super HT (T)	Super HTXX
Appearance	Visual	Homogeneous	Homogeneous	Homogeneous
Colour	Visual	Brown	Brown	Brown
Structure	Visual	Smooth	Smooth	Smooth
Thickener Type		Sulphonate Complex	Sulphonate Complex	Sulphonate Complex
Worked Penetration	ASTM D217	280-305	265-295	280-305
Dropping Point, °C	ASTM D2265	>300	300	>300
Water Washout, % Wt	ASTM D1264	<3.2	<3.2	<3.2
Added Base Oil Kinematic viscosity @ 40°C, cSt	ASTM D445	200-240	320-420	200-240
Base Oil type		Mineral	Mineral	Mineral
Timken OK Load, lbs	ASTM D2509	-		50
4-Ball Wear, Scar, mm	ASTM D2266	<0.60	<0.60	<0.60
4-Ball Weld Load, Kg	IP-239	>355	280	>315
EMCOR Rust Test, Rating	IP-220	0, 0	0, 0	0, 0

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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