

Product Data Sheet



SERVO GEM 2 & 3

Greases for General Equipment & Machinery

Description

Servogem greases are premium quality, lithium soap, multipurpose industrial greases. These greases possess excellent water resistance properties, high oxidation stability, maximum structure stability, high level of anti-rust and anti-corrosion properties. They give outstanding performance under varying operating conditions.

These grades are suitable for lubrication under sub-zero (-20°C) to reasonably high (+120°C) temperature conditions.

Servogem 2 has excellent pumpability characteristic.

Performance, Features and Benefits

- Excellent high and low temperature properties. It can be dispensed at low temperatures and will maintain adequate stay put property at the higher temperatures.
- Resists effectively water washout in use.
- Provides resistance to oxidation, rust and corrosion assuring adequate lubrication over extended service periods.

Application

Servogem greases are industrial products which enjoy all round acceptance for both anti-friction and plain bearing lubrication.

Servogem greases are widely used in steel plants, heavy engineering units, textile mills, fertilizer plants, heavy engineering units, textile mills, fertilizer plants, petrochemical/chemicals units, paper mills, jute mills, etc.

Approvals / Performance Standards / Recommendations

Servogem greases meet the following specification:

- British Timken ALG 1/57
- IS: 7623-1993 regular type
- IPSS:1-09-006
- US Steel 374

Servogem greases are approved by the leading machinery manufacturers, such as:

- ACC Vickers-Babcock Ltd., Shahabad
- Bharat Pumps & Compressors Ltd., Naini
- National Engineering Industries Ltd., Jaipur

Typical Physical Characteristics

Servo	Method	GEM 2	GEM 3
Appearance	Visual		
Colour		Light Brown	Light Brown
Structure		Smooth	Smooth
Thickener Type		Lithium	Lithium
Worked Penetration , 0.1mm	ASTM D217	285	240
Dropping Point, °C	ASTM D2265	195	197
Water Washout, %wt.	ASTM D1264	4.0	3.5
Base Oil Kinematic viscosity @ 40°C, cSt	ASTM D445	VG100	VG100
Base Oil type		Mineral	Mineral
EMCOR Rust Test, Rating	IP 220	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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