

Product Data Sheet

Servogem EP 2X

EP Grease for boundary lubrication



Description

Servogem EP 2X grease is premium quality complex soap base product containing Lithium & with extreme pressure additive. This grade is specially formulated to meet the demand of an EP grease for boundary lubrication conditions so as to prevent excessive wear, localized welding or seizure often associated with such severe operating conditions.

Servogem EP 2X grease possesses excellent shear stability, high load carrying capacity, high oxidation stability and capability to provide protection against rust and corrosion.

Performance, Features and Benefits

- Possesses excellent dispensing properties at low and high temperature, ensuring trouble free lubrication with centralized lubrication system
- Protect machine elements from excessive wear
- Prevent welding and seizure of the moving parts often caused by shock loading
- Protect bearing elements against rust and corrosion
- Resist water wash out thus assuring adequate lubrication over extended service intervals

Application

Servogem EP 2X grease is recommended for the lubrication of both plain and anti-friction bearings in a wide variety of application such as automotive and earth moving equipment, gear couplings, electric motors, mining equipment and steel plants machineries where extreme pressure /shock load is encountered.

Typical Physical Characteristics

Servogem EP 2X	Method	NLGI Grade 2
Appearance	Visual	Homogeneous
Colour	Visual	Dark Brown
Structure	Visual	Smooth
Worked Penetration	ASTM D-217	290
Dropping Point, °C	ASTM D-566	195
Water Washout, %wt	ASTM D-1264	3.0
Base Oil Kinematic viscosity @ 100°C, cSt	ASTM D-445	14.5
Base Oil type	-	Mineral
Timken OK Load, Kg	ASTM D-2509	22
4-Ball Wear, Scar, mm	ASTM D-2266	0.55
4-Ball Weld Load, Kg	IP-239	315
EMCOR Rust Test, Rating	IP-220	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.

20 JAN 2023

All trademarks used herein are trademarks or registered trademarks of Indian Oil Corporation or one of its subsidiaries unless indicated otherwise. Values reported are typical of those obtained with normal production tolerance, and may vary from batch to batch. Due to continual product research and development, the information contained herein is subject to changes without notification. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. All products, services and information supplied are provided under our standard conditions of sale.

For further information, please contact our nearest office or:

Technical Services Department,
Indian Oil Corporation Ltd.,
G-9, Ali Yavar Jung Marg, Bandra (E),
Mumbai – 400051

E-Mail: servotechserv@indianoil.in or
servots@indianoil.in | <https://cx.indianoil.in/>