PRODUCT BULLETIN

MOSIL Robogrease - 1822

Low Torque Grease for Robotic Applications

A synthetic hydrocarbon grease with additives like rust and corrosion inhibitor and anti-oxidants. It is highly inert and has an excellent fluidity at very low temperatures (upto -50°C) making It applicable to a wide range of industrial applications in Automotive and Industrial Robotic Equipments.

AREA OF APPLICATION

Specially Developed for the lubrication of cables in Robotic Assemblies. Also Recommended for Anti-friction Ball Bearings, Conveyor Equipments, Motors, Freezer card caster, Aircraft Instruments, Control Cables, Plastic Gears, Plastic Parts involving Sliding Mechanism, Plastic to Metal Lubrication etc.

BENEFITS

- ➔ Operates effectively at low temperatures.
- ➔ Operates at very low torques.
- ➔ Compatible with various elastomers and plastics such as PVC, Polyester etc. used in modern assemblies.
- ➔ Compatible with popularly used automotive paints
- ➔ Operates at very low torques
- ➔ Protects from rust & corrosion.
- ➔ Long-Life lubricant for industry

Note *Users are advised to check compatibility with polymers and paints prior to standardization of product.*

PACKING: 1 Kg Jar, 20 Kg Pail, 180 Kg Drum

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.

Mosil Lubricants Private Limited
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STUBBORN LUBRICANTS FOR TOUGH APPLICATION

MOSIL LUBRICANTS

Sr	CHARACTERISTICS	TYPICAL VALUES
1.	Appearance	Smooth Homogeneous Grease
2.	Base	Synthetic Hydrocarbon, Lithium
3.	Colour	Beige to Dirty White *(Minor variation in shade has no effect on the lubricating properties of the product)*
4.	Specific Gravity	0.88 ± 0.1
5.	Drop Point, °C **ASTM D - 566**	180 (min)
6.	Consistency (NLGI)	# 2
7.	Worked Penetration **ASTM D - 217**	265 – 295
8.	Water Resistance **DIN 51 - 807**	0
9.	Copper Strip Corrosion **ASTM D - 4048**	Negative
10.	4 Ball Wear Scar, mm **ASTM D - 2266**	0.5 (max)
11.	Additives	Anti-wear, Anti-rust, Anti-corrosion and Anti-oxidant
12.	Temperature Range	-50°C to 130°C

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