

ROYCO[®] 22MS

HIGH LOAD CAPACITY, WIDE TEMPERATURE RANGE
SYNTHETIC BASED GREASE

Description

ROYCO 22MS is a smooth, gray - black colored synthetic oil based grease compounded with micro fine graphite and molybdenum disulfide for enhanced extreme pressure load carrying performance. **ROYCO 22MS** is compounded with additives to provide corrosion resistance, oxidation stability, rust protection, and water washout resistance over extreme temperature ranges.

Applications

ROYCO 22MS is recommended for use in heavily-loaded sliding steel surfaces and applications where severe

PROPERTY	METHOD	TYPICAL
Penetration, 25°C, 0.1 mm		
Unworked		276
Worked	ASTM D217	282
Worked Stability	FTM 313	320
Dropping Point, °C	ASTM D2265	292 (517)
4-Ball Wear, 75°C, 40 kg, 1200 rpm, 1 hr, mm	ASTM D2266	0.5
Oil Separation, 177°C (350°F), 30 hrs, %	FTM 321	1.4
Boiling Water Immersion	FTM 3463	Pass
Rust Protection, 125°F, 48 hours	ASTM D1743	Pass
Evaporation, 177°C, 22 hrs, Al Block, wt% loss	ASTM D2595	5.7
Load Carrying Capacity, kgf	ASTM D2596	35
Copper Corrosion at 100°C, 24 hrs, ASTM	ASTM D4048	Pass
Water Resistance, 41°C, %		1B
Low Temperature Torque, -54°C, Nm		
Starting Torque	ASTM D1478	0.5
Running Torque, 60 minutes		0.08
Odor		pass

Limitations

ROYCO 22MS should not be used on surfaces other than steel-on- steel without prior performance evaluation.

Packaging

ROYCO 22MS is available in 35-pound pails and 400 pound drums. Other package sizes may be available on request.

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