

PRODUCT DATA SHEET

Crown Royal EP Grease

Lithium Complex Grease with Moly-Graphite



PRODUCT DESCRIPTION:

Crown Royal EP Grease is lithium-complex base grease. It is manufactured with superior quality base oils and fortified with synergistic combination of Moly-graphite as well as other performance additives as to meet and exceed severe equipment requirements.

Crown Royal EP Grease contains molybdenum disulfide and graphite. This grease will not plate out, instead forming an adhering film on metallic surfaces and reducing the coefficient of friction. This product has outstanding temperature operating ranges. The molybdenum disulfide – graphite combination will act as a dry lubricant when necessary.

KEY FEATURES:

- Lithium complex base and thus high temperature capability
- Excellent thermal and oxidation stability
- Outstanding load carrying properties
- Tacky and better film formation on lubrication site.
- Capable of effective lubrication under boundary lubrication conditions.

CUSTOMER BENEFITS:

- Superior lubrication under extreme conditions
- Stays in place in extreme environment to protect your components
- Will withstand severe shocks and vibrations
- Rust protection
- Excellent water washout characteristics

APPLICATIONS:

- Automotive, industrial, fleet trucks and contractor service.
- The characteristics are especially valuable in heavy-duty applications where sliding or oscillating motion is present as in bearings, steering linkage and fifth wheel assemblies.
- Robust multi-purpose grease for a wide range of applications.

SPECIFICATIONS AND APPROVALS:

Meets NLGI Service Classification LB-GC for chassis and wheel bearing greases as outlined in ASTM D 4950

PACKAGING:

Drums, Pails, and Cartridges

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Lithium Complex Grease Fortified with Moly-graphite



Typical Properties

Crown Royal EP Grease		
Product Number	910MA	Test Method
Color	Gray-Black	Visual
Texture	Smooth, Tacky	Visual
Thickener Type	Lithium Complex	-
NLGI Grade	2	ASTM D217
Worked Penetration@25°C	285	ASTM D217
Drop Point, °F	500	ASTM D2265
Viscosity @ 40°C, cSt	224	ASTM D445
Viscosity @ 100°C cSt	17.4	ASTM D445
Viscosity @ 100°F SUS	1194	ASTM D445
Viscosity @ 210°F SUS	89.9	ASTM D445
4-Ball EP Load, kg	400	ASTM D2596
Timken OK load, lbs	60	ASTM D2509
Wheel Bearing Leakage, gms	5 max	ASTM D1263

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.