



Product Data Sheet



Crown Royal EP Grease

Lithium Complex Grease with Moly-Graphite

Crown Royal EP Grease is lithium-complex base grease. It is manufactured with superior quality base oils and fortified with a synergistic combination of moly-graphite. It is enhanced with other performance additives that meet and/or exceed severe equipment requirements.

Crown Royal EP Grease contains molybdenum disulfide and graphite. This grease will not plate out, instead it will form an adhering film on metallic surfaces, while reducing the coefficient of friction. This product can be used in a number of applications and has an outstanding operating temperature range. The molybdenum disulfide – graphite combination will act as a dry lubricant when necessary. This grease is also available in NLGI #1 grade as well.

Product Features:

- Lithium complex base makes for high temperature capabilities
- Excellent thermal and oxidation stability
- Outstanding load carrying properties
- Tacky and better film formation on lubrication area
- 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 inhibitors help protect equipment
- 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	Crown Royal EP Grease
NLGI Service Class. LB-GC (ASTM D 4950)	✓





Typical Properties

Crown Royal EP Grease

	910MA	910MB	Test Method
Product Number			
Color	Gray-Black	Gray-Black	Visual
Texture	Smooth, Tacky	Smooth, Tacky	Visual
Thickener Type	Lithium Complex	Lithium Complex	-
NLGI Grade	2	1	ASTM D 217
Worked Penetration @25°C	285	320	ASTM D 217
Drop Point, ° F	500 min	450 Min	ASTM D 2265
Viscosity @ 40°C, cSt	224	224	ASTM D 445
Viscosity @ 100°C cSt	17.4	17.4	ASTM D 445
Viscosity @ 100°F SUS	1194	1194	ASTM D 445
Viscosity @ 210°F SUS	89.9	89.9	ASTM D 445
4-Ball EP Load, kg	400	400	ASTM D 2596
Load Wear Index	65	65	ASTM D 2596
Timken OK load, lbs	60	60	ASTM D 2509
Wheel Bearing Leakage, gm, max.	5 max	-	ASTM D 4290

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging options:

