

PRODUCT DATA SHEET

Monarch Molysyn EP Grease

Synthetic All Season Lithium Complex Moly Grease



PRODUCT DESCRIPTION:

Monarch Molysyn EP – All Season Grease is lithium complex grease formulated with semi-synthetic oils and fortified with finest quality molybdenum disulphide. This grease is also embodied with extreme pressure/anti-wear, anti-corrosion & anti-oxidant additives to enhance its performance for severe operating conditions.

Monarch Molysyn EP – All Season Grease has a dropping point of over +470 F, allowing it to perform in high temperature environments. The combination of semi-synthetic base oil, lithium complex thickener and molybdenum disulphide allows this grease to flow at very low temperatures, excellent performance under heavy loads and at high speeds.

KEY FEATURES:

- Semi-synthetic base oil.
- Superior oxidation resistance and rust protection.
- Outstanding extreme pressure protection.
- Low temperature properties.

CUSTOMER BENEFITS:

- Comparatively more life than typical mineral oil based greases. Suitable for high speed bearing running under different operating conditions.
- Provide long life under continuous high operating temperatures and corrosive environment.
- Provides effective wear protection for ball joints, drive shafts and other parts subjected to high pressure and shock loading. Moly further ensures protection of bearing under severe loads.
- It works effectively and flows well at low temperatures.

APPLICATIONS:

Monarch Molysyn EP – All Season is especially well suited to exceed the demanding requirements of wind turbine applications at operating temperature ranges. It is also excellent to lubricate yaw, pitch and main bearings of wind turbines and any application requiring a high speed, high temperature, Extreme Pressure (EP), and long life grease.

For use as an anti-wear, anti-corrosion, extreme pressure applications.

PACKAGING:

Drums and Pails

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Typical Properties

Monarch Molysyn EP Grease		
Product Number	911CB	Test Method
Color	Blackish Grey	Visual
Texture	Smooth	Visual
NLGI Grade	1	ASTM D 217
Worked Penetration	320	ASTM D-217
Change in Pen after 100,000 strokes	30 max	
Drop Point, ° F	470 Min.	ASTM D 2265
Viscosity @ 40 C ,cSt	67	
Viscosity @ 100 C ,cSt	9.0	ASTM D 445
Viscosity @ 100 F ,SUS	346	
Viscosity @ 210 F ,SUS	56	
Type of thickener	Lithium complex	-
4-Ball EP load, kg / LWI	400/ 50	ASTM D 2596
Timken OK load , lbs	50	ASTM D 2509

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.