

Monarch Molysyn EP – All Season Grease **Synthetic All Season Lithium Complex Moly Grease**



PRODUCT DESCRIPTION:

Monarch Molysyn EP – All Season Grease is lithium complex grease formulated in 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.

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

PRODUCT DATA SHEET

Monarch Molysyn EP – All Season Grease Synthetic All Season Lithium Complex Moly Grease



PACKAGING:

Drums and Pails

Typical Properties

Monarch Molysyn EP – All Season Grease		
Product Number	911 CB	Test Method
NLGI Grade	1	ASTM D217
Viscosity@40°C, cSt	67	ASTM D445
Viscosity@100°C, cSt	9	ASTM D445
Viscosity@100°F, SUS	346	ASTM D445
Viscosity@210°F, SUS	56	ASTM D445
Drop Point, °F	470 min	ASTM D2265
Worked Penetration@25°C	320	ASTM D217
Change in Penetration after 1000 Strokes	320	ASTM D217
4-Ball EP Load, kg/LWI	400/50	-
Timken OK Load, lbs	50	ASTM D2509
Texture	Smooth	Visual
Thickener Type	Lithium Complex	-
Color	Blackish Gray	Visual

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.