

# GREASE MP 2,3

## MULTI-PURPOSE LITHIUM GREASE

**BULWARK GREASE MP** series is multi-purpose, light duty lithium greases produced from paraffinic base oils, lithium thickener and oxidation & corrosion inhibitors for use in automotive and industrial applications where mild EP or Non-EP greases are required. They come in two consistencies – NLGI 2 and NLGI 3.

**BULWARK GREASE MP** series is recommended for use in general bearings, shaft joints, ball joints, water pump bearings and similar other applications. They can be used with normal operating temperature up to 100°C

### PERFORMANCE LEVEL\*

- DIN 51502;
- NLGI 2; KP2K-10; ISO 6743-9/ L-XACEA 2 (MP2)
- NLGI 3; KP3K-10; ISO 6743-9/ L-XACEA 3 (MP3)

### KEY BENEFITS

- Resistance to water wash out, retain grease in place in wet environments
- Protect metal surface from rust and corrosion in moist environments.
- Prevent dust and dirt from reaching into the moving parts.
- Good oxidation and thermal stability.

### TYPICAL CHARACTERISTICS\*\*

| Properties                          | Test Methods | MP2       | MP3       |
|-------------------------------------|--------------|-----------|-----------|
| Consistency                         | NLGI         | 2         | 3         |
| Thickener Type                      |              | Lithium   | Lithium   |
| Color                               | Visual       | Amber     | Amber     |
| Operating Temperature, °C           |              | 10 to 100 | 10 to 100 |
| Worked Penetration at 25°C, 1/10 mm | ASTM D217    | 265-295   | 220-250   |
| Dropping Point, °C                  | ASTM D566    | 190       | 190       |
| Base Oil Viscosity at 40 °C, cSt    | ASTM D445    | 180       | 180       |
| Copper Strip Corrosion, 24h, 100°C  | ASTM D4048   | 2a        | 2a        |
| 4-Ball, Scar Dia, mm                | ASTM D2266   | 0.65      | 0.65      |

\* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

\*\* Typical Characteristics are typical values. Minor variations within the permissible tolerance limits maybe expected on the final product.

### STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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