

## PETROGULF MARINE LITHIUM EP GREASE

### PRODUCT DESCRIPTION

Petrogulf Marine Lithium EP are multipurpose type greases and, and such, are suitable for most grease applications where the loads are high, & under high pressure conditions, the action of the machine elements is oscillating. These are extreme pressure, multipurpose type grease (NLGI consistency No. 0, 1, & 2). They are lithium 12- hydroxystearate soap thickened greases compounded with lead-free, extreme pressure agents which provide excellent load carrying and anti-wear properties in both steel-on-steel and steel-on-bronze applications

### FEATURES & BENEFITS

- ❖ Outstanding load carrying capacity
- ❖ It resists the washing action of water, and is suitable for applications where water contamination is encountered.
- ❖ Excellent pumpability in centralized systems ▪ Protects against rust and corrosion.
- ❖ Effective leakage control.

### TECHNICAL SPECIFICATIONS

| PETROGULF LITHIUM EP GREASE           |             |                |                |                |                |
|---------------------------------------|-------------|----------------|----------------|----------------|----------------|
| Test Parameter                        | Test Method | Typical Result |                |                |                |
| Colour                                | Visual      | Amber          | Amber          | Amber          | Amber          |
| Texture                               | Visual      | Smooth         | Smooth         | Smooth         | Smooth         |
| NLGI                                  |             | 0              | 1              | 2              | 3              |
| Thickener Type                        |             | Lithium        | Lithium        | Lithium        | Lithium        |
| Type of Base Oil                      |             | Mineral        | Mineral        | Mineral        | Mineral        |
| Base Oil Viscosity @ 40°C, cSt        | ASTM D445   | 100-220        | 100-220        | 100-220        | 100-220        |
| Worked Penetration 60 strokes         | ASTM D217   | 360            | 320            | 265-295        | 235-245        |
| Dropping Point, °C                    | ASTM D2265  | >190           | >190           | >190           | >190           |
| Estimated Operating Temperature Range |             | -20°C to 130°C | -20°C to 130°C | -20°C to 130°C | -20°C to 130°C |

\*\* These characteristics are typical of current production. Whilst future production will conform to Petrogulf's specification, variations in these characteristics may occur.

### HANDLING, HEALTH AND SAFETY

- ❖ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- ❖ Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off used oil correctly; don't pour down drains, into water courses or the soil.
- ❖ Take used oil to an authorized collection point.