

SPECIALITY PRODUCTS



PETROGULF LITHIUM EP GREASE

Product Data Sheet

PETROGULF Lithium EP greases are an 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

- PetroGulf Lithium EP grease are true PetroGulf Lithium EP Greases can be recommended as multipurpose greases for both extreme pressure and non extreme pressure applications.
- It resists the washing action of water, and is suitable for applications where water contamination is encountered.
- PetroGulf Lithium EP greases have good high temperature characteristics, and may be used at temperatures as high as 121°C.
- The pumpability of PetroGulf EP greases are excellent, and are recommended for service in centralized grease systems.

TYPICAL CHARACTERISTICS

PetroGulf Lithium EP Grease				
NLGI Grade	0	1	2	3
Color/Texture	Amber	Amber/Smooth	Amber/Smooth	Amber/Smooth
Drop Point, °C	170	180	184	188
Penetration, mm @ 25°C	360	320	260-290	220-240
100,000 strokes	+5	+6	+7% Max	+8% Max
Four Ball Weld Load, Kg	260	200	260	260
Soap Base	Lithium	Lithium	Lithium	Lithium
Base Oil Viscosity @ 40 °C	220 cSt	220 cSt	220 cSt	220 cSt
Operating Temp., °C	-20 to 100	-20 to 100	-20 to 130	-20 to 140

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

- Under normal conditions of use, this product presents no particular toxic hazard. All lubricants and greases, of any kind should be handled with great care, particularly avoiding any prolonged contact with skin.
- Store under cover and away from any risk of pollution. The grease drums should be stored upright and surface of the grease should be smoothened to prevent oil separation into the cavity. Dispose off used product and can correctly, don't pour down drains, into water courses or the soil. Take used oil and grease to authorized collection point.



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