

PRODUCT DATA SHEET



EXTREME PRESSURE GREASES - LITHIUM BASE

PAL EP- 000, 00, 0, 1, 2, 3

These greases are lithium-based products containing highly-refined mineral oils and fortified with extreme pressure (EP) additives as well as corrosion and oxidation inhibitors. These greases have been formulated with additives that provide good film strength under medium-to-high loads.

They are designed for plant-wide lubrication, the range extending from NLGI-3 for general purpose bearing lubrication to NLGI-0(semi-fluid grease) suitable for centralized lubrication systems and grease filled gearboxes. These greases provide good protection against rust and corrosion as well as resistance to water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common. These greases also possess high mechanical stability, good adhesion and anti-wear properties, thus enhancing component life and increase re-lubrication intervals.

Recommended for lubrication of all plain and anti-friction bearings, heavy duty ball and roller bearings of industrial equipment used in steel plants, heavy engineering units, machine tool units, textile mills, paper mills, fertilizer plants, sugar mills etc. particularly where contacting surfaces are exposed to very heavy pressure and shock loads and for continuous service up to 130°C.

These greases are compatible only with lithium base grease. Sealed bearings should be thoroughly cleaned before using grease described in this product bulletin.

PERFORMANCE LEVEL: IS 7623-1993 & NLGI-0, 1, 2 & 3 specifications.

CHARACTERISTICS							
S. NO.	PROPERTIES	PAL EP-000	PAL EP-00	PAL EP- 0	PAL EP-1	PAL EP-2	PAL EP-3
1.	Appearance	Brown					
2.	Soap Type	Lithium					
3.	Base Oil Type	Mineral					
4.	Base Oil Viscosity, @40°C	150	155				
5.	Viscosity Index of base oil, min.	95	90				
6.	Cone Penetration, @25°C ± 0.5°C	445-475	400-430	355-385	310-340	265-295	220-250
7.	Drop Point, °C min.	160	180	180	180	180	180

*The specifications are subject to variations/ development / customization.

PACKING: 180KG, 18KG