

RALCO

Plex EP

EP Grease
for Bearings

Ralco Plex EP

It has been formulated with complex soap thickener and high quality highly refined mineral base oils. Avoids the metal-metal contact even in limit lubricating conditions, with loads, shock loads, etc. The Extreme Pressure, antioxidant and anticorrosive additives with high viscosity oil build a continuous protection film onto the metallic contact surfaces and avoid early breakage due to fatigue, micro cracks, scratches, high specific pressures and shock loads. Its outstanding sealing capacity makes difficult the penetration of solid particles, which might provoke scratches and microstrain in the bearing path to be lubricated.

BENEFITS:

- Wide range of service temperatures -15 to 120ºC.
- Resists properly shock loads.
- Very adherent, high affinity to metal.
- Excellent sealing capacity. Avoids the penetration of contaminating agents (water, dust, solid particles etc.).
- Very good resistance to water and oil-water emulsions.
- High stability to mechanic work.
- Very proper compatibility with bath emulsion of the metalworking processes.
- Low environmental effect additive package.
- Very stable lubricating film with E.P. properties and high resistance to specific loads in limit lubricating conditions.

TECHNICAL PROPERTIES

THICKENER	LITHIUM COMPLEX				
BASE OIL	REFINED MINERAL OIL				
Colour	AMBER				
NLGI CONSISTENCY	00	0	1	2	3
WORKED PENETRATION 25°C	400-430	355-385	310-340	265-295	220-250
DROP POINT (°C)			190	190	190
KINEMATIC VISCOSITY @ 40°C (cSt aprox.)	220	220	220	220	220
OPERATING TEMPERATURE (°C)	-15 to 170	-15 to 170	-15 to 170	-15 to 170	-15 to 170

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