



Plungerol 6000

Plunger Oil

Plungerol 6000 is a high-performance lubricant specially formulated for use in die-casting plunger tip and sleeve lubrication. It provides excellent lubricity, film strength, and thermal stability under high-temperature and high-pressure conditions. The product ensures smooth plunger movement, minimizes wear, and extends the life of plunger tips and sleeves.

Applications

- Lubrication of plunger tips and sleeves in hot chamber and cold-chamber die-casting machines
- Suitable for aluminum, magnesium, and zinc alloy die-casting
- Suitable for both manual and automatic dosing units. Ensure uniform application for best performance

Benefits

- Excellent anti-wear and extreme pressure (EP) performance
- Provides strong lubricating film at elevated temperatures
- Reduces friction between plunger tip and sleeve
- Prevents soldering and metal pick-up
- Minimizes smoke and residue formation
- Improves casting surface quality and reduces downtime
-

Key Properties

Column1	Column2
Appearance	Clear to Golden Brown Liquid
Density @25°C:	0.87 g/cm ³
Kinematic Viscosity @40°C	~440 cSt
Melting Point	108°C

Packaging : 200 Litre Barrel

Storage : Store in a cool, dry, and covered area. Keep away from direct sunlight and moisture to avoid caking or premature softening