



PRODUCT DATA SHEET

DIEDRESS - PLS

(Lubricant for plunger lubrication in high pressure die-casting)

PRODUCT :-

DIEDRESS - PLS is Graphite -free lubricant specially developed for plunger lubrication in high pressure die casting.

PURPOSE: -

In pressure die casting process, molten aluminum is injected into the die cavity at a very high velocity by plunger tip. This leads to attack of molten aluminum at plunger leading to decreased plunger life. To eliminate this attack on plunger area DIEDRESS-PLS is used. DIEDRESS - PLS is designed in such a way that it imparts superior lubrication properties to plunger surface.

ADVANTAGES: -

1. Graphite-free lubricant giving clean working environment.
- 2.Reduction in down time
3. Good thermal stability ensuring consistent results.
4. Excellent lubrication.
5. Increases plunger tip life.
6. Better working conditions because of less fumes.

PHYSICAL PROPERTIES

COLOUR:	Greenish brown
APPEARANCE:	Liquid
SP.GRAVITY @ (27±3)°C :	0.88 – 0.92
VISCOSITY @ 40°C :	450 – 550 Cst
FLASH POINT :	>200°C

APPLICATION:-

Apply DIEDRESS-PLS on plunger tip by brushing or swabbing/ dripping.

STANDARD PACKING :-

20/30 Liters. P.C. (Poly carboy)

SHELF LIFE :-

1Year from the date of manufacturing

SAFETY PRECAUTIONS -

1. Avoid direct exposure to flame and fire.
2. Replace lid tightly after use.

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