

Water - Oil (W/O) Emulsion Type Plunger Lubricant for Die Casting Machine

NEOCASTER RE-76

Description

1. NEOCASTER RE-76 is composed of synthetic polymer and fatty acid that work well together in preventing soldering between molten metal, sleeve and the plunger tip.
2. W/O Lubrication works best at especially in areas of medium and high temperature. At the same time improve the working environment around the tip and sleeve of the machine.
3. The stability of the strength of oil film will depend on the shot speed where the life of the sleeve and plunger tip can increase due to the additives that are added into the composition of this lubricant.

Benefits

- 1. Excellent Lubricity and Wettability Property for the Plunger Tip.**
Using a base oil that has great spreading ability, great adhesion to sleeve and plunger tip is improved. From the great adhesion of the oil film, galling is reduced greatly.
- 2. Strong Lubricity at High Temperature.**
Soldering from the molten metal is prevented, the erosion of the sleeve is especially improved.
- 3. High Content of Active Ingredients**
Greatly improved the lubrication inside the plunger sleeve, forming strong and reliable lubrication.
- 4. No graphite in the Composition.**
Maintain cleaner and safer working environment than the conventional graphite based plunger lubricant.

Properties

| | | Typical Properties |
|-------------|------------------------|--------------------|
| Appearance | | White emulsion |
| Density | 15°C g/cm ³ | 0.96 |
| Viscosity | 30°C mPa·s | 1400 |
| Flash Point | °C | None |
| Pour Point | °C | -12.5 |

The above figures are based on the result of our company Quality Control Assurance. Result may varies if processed else where. Please note that we may alter the figures when there is improvement on the product without any notice.

Application

1. Use the concentrated fluid of NEOCASTER RE-76 directly without dilution to match the production.
2. Air blowing should be used after dripping or spraying into the sleeve.
3. There are times when the amount of volume per shot need to be adjusted to meet the production needs.

Usage

Very Suitable for big size machines over 1000 Tonnes.
For pressurized parts product, and parts that need clean surface finish.

Storage

1. Keep in a cool place and avoid direct sunlight. During winter, prevent the product form freezing.
2. Seal tightly after opening to avoid evaporation and contamination.
3. Do not keep for an extremely long time due to the stability limitation of the emulsion state of the product.

Packaging

18 Liters / Pail 200 Liters / Drum

Regulations

Fire Defense Law Non Hazardous

株式会社 MORESCO

URL : <http://www.moresco.co.jp/>
Customer Center (Please contact us for any inquiries)
Tel : 06-6262-3385
E-Mail : customercenter@moresco.co.jp

MORESCO Corporation

Head Office:5-5-3, MINATO JIMA MINAMI-MACHI, CHUO-KU, KOBE-CITY, HYOGO, JAPAN
R&D Center Phone:078-303-9010 Fax:078-303-9020
Osaka Branch: 2-15, BINGOMACHI, 3-CHOME, CHUO-KU, OSAKA-CITY, OSAKA, 541-0051, JAPAN
(Functional Materials Sales Division) Phone:06-6262-3310 Fax:06-6262-3327