

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

NEOCASTER RE-77

Description

NEOCASTER RE-77 is a plunger lubricant formulated through MORESCO's special R&D. It combines oil type and water based lubricants forming W/O emulsion type plunger lubricant. NEOCASTER RE-77 provides excellent lubricity very similar to oil-base plunger lubricant and at the same time improve the working environment around the tip and sleeve of the machine. NEOCASTER RE-77 prevents erosion of the metal sleeve part from molten metal due to the solid lubricating additives that are added into the composition of this lubricant.

Benefits

- 1. Excellent Lubricity and Wettability Property for the Plunger Tip.**
Spreads easily inside the sleeve and possesses high quality lubrication on equal with oil type lubricant.
- 2. Less Volume for Usage.**
Less volume per shot compared to the conventional water based plunger lubricant is possible.
- 3. Minimize the Outbreak of Gas and Reduce Oil Content into the Product.**
Reduces the forming of blow hole, improve the product surface when casting and less smoke.
- 4. No graphite in the Composition.**
Maintain cleaner and safer working environment than the conventional graphite based plunger lubricant.
- 5. Good separability with the water.**
Floating oil after use in the waste fluid can be easily removed by using oil skimmer.

Properties

		Typical Properties
Appearance		White emulsion
Density	15°C g/cm ³	0.96
Viscosity	30°C mPa·s	720
Flash Point	°C	None
Pour Point	°C	-12.5
Solid Contents		Around 60%

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-77 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

For pressurized 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

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