NEOCASTER RE-76
WATER-OIL (W/O) EMULSION TYPE PLUNGER LUBRICANT

PRODUCT DESCRIPTION:

NEOCASTER RE-76 is composed of synthetic polymer and fatty acid that works well together to prevent soldering between molten metal, sleeve and the plunger tip. W/O lubrication works best in areas of medium and high temperature. The working environment around the tip and sleeve of the machine is also improved due to no graphite. The stability of the strength of the oil film will depend on the shot speed. The life of the sleeve and plunger tip can increase due to the additives making up the composition of this lubricant.

BENEFITS:

- Excellent lubricity and tip wetting properties for the plunger tip
  - A base oil with great spreading ability and adhesion is used to greatly improve the sleeve and plunger tip life. Galling is majorly reduced due to great adhesion.
- Strong lubricity at high temperature
  - Soldering from the molten metal is prevented. In turn the erosion of the sleeve is especially improved.
- High content of active ingredients
  - Greatly improve the lubrication inside the plunger sleeve, forming strong and reliable lubrication.
- No graphite in the composition
  - Maintain a cleaner and safer working environment than the conventional graphite based plunger lubricant.

PHYSICAL PROPERTIES:

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>APPEARANCE</td>
<td>White emulsion</td>
</tr>
<tr>
<td>DENSITY (g/cm³, 15°C)</td>
<td>0.96</td>
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<tr>
<td>VISCOSITY (mPa·s, 30°C)</td>
<td>1400</td>
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<tr>
<td>FLASH POINT (°C)</td>
<td>None</td>
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APPLICATION:

- NEOCASTER RE-76 should be used by air blow after drip or spray into the sleeve
- NEOCASTER RE-76 cannot be diluted. Please use it neat.

HANDLING & STORAGE:

NEOCASTER RE-76 should be stored indoors and closed tightly with a cap to avoid water evaporation and contamination. DO NOT FREEZE. Do not store long term.

PACKAGING: NEOCASTER RE-76 is available in 18L pails and 200L drums