



PRODUCT INFORMATION

Hasco LAD-9 Forge Compound

OIL BASED NONLEADED STEEL FORGING LUBRICANT

Description

Hasco LAD-9 Forge Compound is a petroleum -based, nonleaded steel hot forging compound. It is formulated to be used undiluted to provide uniformity and help control lubricant costs by eliminating on-site mixing. When properly used, LAD-9 Forge Compound allows the forging of parts that are closer to net shape.

Application

LAD-9 Forge Compound can be applied by swab or brush, and is ideally suited for both mechanical and hydraulic press applications. LAD-9 Forge Compound is designed to be used undiluted. LAD-9 Forge Compound is designed to be compatible with steel and other ferrous metals.

Advantages

- Reduces sliding friction between the dies and the forging to reduce pressure requirements, fill die cavity, and control metal flow.
- Acts as a parting agent and prevents local welding and subsequent damage to the die and workpiece surface.
- Reduces heat loss from workpiece and minimizes temperature fluctuations on the die surface.
- Wets the surface uniformly to prevent local lubricant breakdown and uneven metal flow.
- Nonabrasive and noncorrosive to prevent erosion of die surface.
- Free of residues that would accumulate in deep impressions.
- Keeps graphite suspended to reduce or eliminate mixing time and provide a more homogeneous lubricant for improved productivity.

Characteristics

	Unit	Test Method	Value
Appearance	-	Visual	Black liquid (paste)
Specific Gravity	@ 60°F (16° C)	CN-TM-069	1.06 - 1.11
Flash Point	°F/°C	COC	460° F (238° C) Minimum
Graphite	-	-	Yes
Graphite Suspended	-	-	Yes
Stock Temperature Range	°F/°C	-	2100 - 2400° F (1149 - 1316° C)
Dye Temperature Range	°F/°C	-	200 - 600° F (93 - 316° C)
Smoke	-	-	Heavy
Agitation of Concentrate	-	-	Not required
Carrier	-	-	Oil