

AF 2030

Eco Friendly Hot Forging Lubricant



YOUR BENEFITS

- AF 2030 is a water based formulation which promotes clean environment.
- AF 2030 maintains optimum temperatures of around $280^{\circ}\text{C} \pm 20^{\circ}\text{C}$ in forging conditions by steadily cooling the dies.
- Due to excellent demoulding and lubrication properties it minimizes scratches and abrasions on work pieces and dies.
- The white coating on the die surface leaves no residue and dissipates completely after forging.
- Good anticorrosion property prevents damage to forging equipment, dies, spray guns, tanks.
- Can immediately replace graphite or its related products as a lubricant; as graphite creates unhealthy and unsafe working atmosphere due to its fine dust floating in the plant which is likely to cause bronchitis and pneumoconiosis to the operators along with contaminating the machinery.

APPLICATION

- Demoulding lubricant for hot forging of carbon steel, alloy steel, stainless steel, non-ferrous metals.
- Widely used in forging and extrusion industries related to automotive, pipes and tubes manufacturing and ferrous and non-ferrous metal flange and fitting forgings.

METHOD OF APPLICATIONS:

- Automized Spray System

RECOMMENDED DILUTION RATIO:

- 1:5 to 1:15 and above depending on the severity and criticality of the component forged.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Clear Transparent Liquid
Colour	Visual	-	Colourless
Solid Lubricant	-	-	Synthetic
Carrier/diluent	-	-	Water
Density @ 29.5°C	CTM 069	gms/cc	1.0 - 1.2
pH Value	CTM 062	-	8 - 9
Solid Content (110°C for 2 Hrs)	CTM 033	%	25 - 30

CTM:-Corporate Test Method

The values quoted above are typical and do not constitute a specification.

INDUSTRY:

Forging

PACK SIZE:

50 kg Bucket

200 kg Drum

SHELF LIFE:

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

