

Forging Lubricant

Company : Contact Person :

Address :

Manufacturing :

1. Machine & Process Information

Machine Type (Hammer/Press) :

Machine Brand : M/C Capacity (Tons) :

Quantity (M/C) : Forging Speed :

Die Life : How to Pre-Heat ? :

Die Top
(Picture)

Die Bottom
(Picture)

2. Working Part Information

Part Name :

Part Shape (Width and Depth) :

Part Size Approx. (KG) :

Billet Heating Method : ☐ Induction ☐ Other

Billet Temperature °C :

Billet weight :

Part weight before trimming :

Part weight after trimming :

Part Picture

Billet Picture

3. Lubricants and Systems

Lubricant Apply Method : ☐ Auto ☐ Manual

Recycle System : ☐ Yes ☐ No

Material : Current Lubricant :

Dilute with : ☐ Water..... ☐ Oil.....

Dilution Ratio : Solid Content :

Graphite Particle Size (m) :

Est. Price : Consumption Per Month :

SURVEY FORM



Advantages Lubricant Engineering for Industry

4. Problems

		Comment
What are the problems with the used products ?	: ☐ Yes ☐ No	.....
Sticking of parts in the die ?	: ☐ Yes ☐ No	.....
Die wear or thermal cycling of the die ?	: ☐ Yes ☐ No	.....
Build up on the die surface ?	: ☐ Yes ☐ No	.....
Die wetting or layer building problems ?	: ☐ Yes ☐ No	.....
Corrosion problems on the die surface ?	: ☐ Yes ☐ No	.....
Drying problems of the graphite layer ?	: ☐ Yes ☐ No	.....
Nozzle clogging ?	: ☐ Yes ☐ No	.....
Sedimentation problem in storage tank ?	: ☐ Yes ☐ No	.....
Environmental or hygienic problems ?	: ☐ Yes ☐ No	.....
What is maximum tool/die life time ?	: ☐ Yes ☐ No	.....
Are there any allergic reactions experienced by the user?	: ☐ Yes ☐ No	.....

Reported by :

Date :