

HASCO FORGE LUBRICANTS

Product Line Summary

WATER-BASED PRODUCTS

FE4-329A is a heavy-duty lubricant designed for difficult hydraulic press operations in aluminum and some titanium applications. Since the product produces lower emissions as compared to oil-based products, operator acceptance is generally high. This is the product of choice where die temperatures are between 700 F and 750 F.

FE4-332A is an all purpose lubricant designed to achieve near net finish for aluminum wheels. The product also meets the application requirements of aerospace aluminum components and acts as a cost-effective alternative to the other high-performance product FE4-329A.

FE4-330A is a general purpose lubricant designed for aluminum parts in hydraulic press operations. Since this product produces very little smoke and is low odor, operator acceptance is generally high. This is the product of choice where die temperatures are between 650 F and 700 F.

OIL-BASED PRODUCTS

FO4-328B is a high performance, oil-based semi-paste that can be swabbed on dies for severe applications and, when diluted with conventional mineral oils, it can be sprayed for general purpose operations. The product also works as an excellent die lubricant for titanium operations.

FO4-326D is an oil-based, solvent-free product designed for general hydraulic operations on aluminum parts. The product is designed as a low viscosity and thus produces less smoke than typical oil-based products. The product is applicable for die temperatures between 650 F and 750 F.

FO4-600A is an oil-based, solvent-free product designed for general hydraulic operations on aluminum parts. The product is designed to meet the new 2010 AQMD VOC regulations without sacrificing the benefits of a low smoke producing product.

SPECIALTY PRODUCTS

HASCO FORGE STICKS are solid lubricants designed for use in applications where liquids are difficult to apply. The product finds particular use on saws, necking operations and extrusion processes.

LAD-9 is a paste designed for hammer operations where multiple passes are required to forge the final part.