

NuSOL® ALUMAX

METAL WORKING FLUID



CUSTOMER: MACHINE PARTS MANUFACTURER

PRODUCT

NuSol® Alumax is a non-chlorinated technology for the machining of non-ferrous metals and exotic alloys. NuSol® Alumax is formulated for all machining operations on all metals but is specifically designed to machine today's tougher non-ferrous and aluminum alloys. NuSol® Alumax is manufactured using a proprietary blending process that incorporates many unique characteristics into the product that will promote high productivity rates and minimal downtime for the end user.

NuSol® Alumax is formulated using a blend of unique preformed emulsions that possess a very small particle size and which demonstrate outstanding boundary lubrication. This small particle size provides a very durable and uniform lubricant film, enhanced wetting and coverage, a very clean running fluid, and exceptional hard water stability for enhanced machining performance on non-ferrous and aluminum alloys. NuSol® Alumax preformed emulsions are further complemented with the presence of a surfactant package, offering enhanced boundary lubrication and fluid detergency and cleanliness.

PROCESS AND EQUIPMENT

Industry/Market	Mining
Product Type	Metal Working Fluid
Product Number	27023F0000
Machinery Involved	Saws
Description of Environment	Cutting Steel
Volume Used	1,750 gallons
Date of Use	August 2015 to present
Documented Cost Savings	\$18,000 per year

▷ DESCRIPTION OF PROBLEM

Saw blades were being replaced two times per week, at a cost of \$200 per blade.

▷ SOLUTION

Changed over to NuSol® Alumax and extended the life of one blade to five weeks before replacing.

▷ CUSTOMER TESTIMONIAL

Impressed, grateful, and consider us a partner in their business.