

SITALA AY 402.01

Water soluble metalworking fluid

DESCRIPTION

SITALA AY 402.01 is an emulsifiable, boron and amine-free metalworking fluid forming a stable macroemulsion based on high quality mineral oil and polar lubricity additives.

The product has low working pH for outstanding operator friendliness and is free

APPLICATIONS

SITALA AY 402.01 is a non-staining, low pH, low alkalinity product formulated specifically for machining of yellow metals.

The product is designed for soft to medium hardness and for use in single sump machines. It is not normally used in large central systems.

RECOMMENDATION FOR USE

General machining 5-6 %

Heavy duty machining 6-10 %

TYPICAL PHYSICAL PROPERTIES

<i>Concentrate Appearance</i>	<i>Amber oil</i>
<i>Specific Gravity @ 20°C</i>	<i>0.93</i>
<i>Refractometer Factor</i>	<i>0.9</i>
<i>Emulsion Appearance</i>	<i>Milky white</i>
<i>pH in Use</i>	<i>8.4-8.8</i>

BENEFITS

- Yellow metal compatible formula - inhibits staining of components
- Inhibits copper soap formation - no discoloration of emulsion or build-up of copper soap residues on machines
- Low alkalinity formula - operator friendly with reduced exposure hazards
- Low foaming - ideal for high speeds and pressures in soft to medium water hardness
- Excellent detergency – cleaner parts, machine tools and working environment
- Boron-free - no SVHC classification under REACH
- Boron, formaldehyde, amines, and chlorine-free - excellent EHS profile
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RELATED PRODUCT

Water soluble coolants are complemented by our full range of high quality, speciality production fluids including energy saving wash chemicals, low misting neat cutting oils, non-VOC rust preventives and long life heat treatment fluids. Fluidcare services complete our value added portfolio with a range of expert services and equipment to help reduce costs and improve productivity. For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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