

HD-50

SYNTHETIC CUTTING FLUID

DESCRIPTION

HD-50 is a totally synthetic (oil free) cutting and metal working fluid. It provides the lubricity and film strength of oils plus the cooling ability and cleanliness of water. This product can be used for virtually all metal working applications, will not rust parts or equipment. Water miscible – dilutable with water in all proportions – forms clear solutions. Powerful lubricating qualities – multiple lubricants work together to meet the most demanding metal working operations. No messy oils to clean up. Synthetic cutting fluid is a cleaner itself. It may be used to clean your equipment less expensively than many degreasers. Biodegradable and does not pollute.

APPLICATIONS

Oil Tool Manufacturers, Machine Shops, Steel Fabricators, Metal Working Shops and Automotive Repair Shops.

For lathe work, grinding, sawing, milling, drilling and tapping tools.

TECHNICAL DATA

FORM: Liquid
ODOUR: Sweet, mild
COLOUR: Clear Blue/Green
DETERGENCY: Mild
TOXICITY: Non-hazardous
WETTING ABILITY: Excellent
STORAGE ABILITY: 1 year +
COLD STABILITY: to 0°C
PHOSPHATES: None

FLASH POINT: Not combustible
FLAME EXTENSION: N/A
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.064g/ml
%VOLATILE BY VOLUME: 65%
pH: 10.0
VISCOSITY: Medium
EVAPORATION RATE: Slow
BIODEGRADABILITY: Yes

LABEL INFORMATION

This product is a synthetic cutting fluid and coolant. Inhibits corrosion of metal parts and equipment. Reduces tool burning and increases tool life. Water miscible in all proportions producing crystal clear solution. Does not rust parts and equipment. Biodegradable. Does not become rancid as ordinary oil-based products do. Produces better finish and cleaner cutting. For all work on stainless steel, solid steel, iron, aluminium and brass.

DIRECTIONS FOR USE

Drain and clean the coolant reservoir completely. Mix 1 part coolant with 15-30 parts of water for most metal working applications. Where cooling is more important than lubrication dilute 1 to 50.

NOTE: Do not mix with other oils and fluids.

