

Water Miscible Metalworking Fluid

HYDROSOL 8300 HIGH PERFORMANCE SEMI-SYNTHETIC COOLANT

WH Lubricants

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DESCRIPTION

HYDROSOL 8300 is a medium duty semi-synthetic coolant used for machining and grinding of cast iron and steel. **HYDROSOL 8300** is especially great on grinding of tool steel and bearing steel.

HYDROSOL 8300 is chlorine-free.

HYDROSOL 8300 is very clean running and behaves like a synthetic.

Proper maintenance of **HYDROSOL 8300** will extend its life considerably. The key is to remove tramp oil and metal fines.

Its biogenic formulation provides outstanding sump life and remains mild to the skin. It has enhanced lubricity as well as cleanability and emulsion stability while offering to meet your environmental and production needs.

It saves you money.

APPLICATION

Milling, Drilling, Turning.....5 to 10%
General Machining.....5 to 10%
Grinding – ID, OD, Centerless, Surface
and Blanchard Grinding.....3 to 5%

(Feeds, speeds and type of tooling should be taken into consideration when setting concentration)

CUSTOMER BENEFITS

High Operator Acceptance – Very low foaming, low odor and non-irritating.

Hard water Stable – Stable in hard water up to 40 grains.

Multipurpose – Provides excellent lubrication and will do both steels and some aluminum.

Recyclable – Designed to reject tramp oils thus extending fluid life and making it easily recyclable and resulting in drastically reduced disposal costs. Does not contain any SARA 313 listed components.

HANDLING & STORAGE

No health or safety hazards exist when **HYDROSOL 8300** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

TYPICAL PROPERTIES

Appearance of:

Concentrate..... Blue Liquid
Solution Translucent, Blue
pH of Solution.....9.4 @ 5%....and 9.3 @ 3%
Specific Gravity @ 68°F.....1.01 to 1.03
Rust Control.....C.I.C.T. no rust 40:1
Hard Water Stability.....40 grain
Dicyclohexylamine None

DESIGNEDWITH PURPOSE

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