

Product Data Sheet

SolCut HDS

Description and Applications

Saheli SolCut HDS (Heavy Duty Soluble) is a metalworking fluid, with additives to obtain a high-quality emulsifying fluid.

Saheli SolCut HDS gives excellent results on area of cooling, lubricating, and protection of corrosion at turning, drilling or sawing of normal iron sorts.

Features and Benefits

- Fast emulsifying procedure
- Good stability of emulsion
- Good protection against corrosion of metals
- Low foaming properties
- Little sensitivity to different levels of water hardness

Applications

Metalworking fluids for normal steels

Usage

- Always add Saheli SolCut HDS to the water in a ratio of 1:10
- Keep the product in store frost free
- Never use soluble oil emulsions for machining magnesium

Hot magnesium and water are a fire hazard!

Specifications

ISO6743-7 MAA

IP 125 (Herbert Corrosion Test 0/0-0)

Test Parameters	Test Method	Typical Results
Density @ 15°C gm/cm ³	ASTM D1298	0.888
Viscosity Index	ASTM D2270	108
Viscosity @ 40°C (cSt), mm ² /s	ASTM D 445	31.0
Viscosity @ 100°C (cSt), mm ² /s	ASTM D 445	5.4
Pour Point °C	ASTM D 97	-12
Flash Point (COC) °C	ASTM D 92	170
Nitrite		Nil

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.

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