



## GOLD SOLUBLE CUT PLUS

(Cutting Oil)

**GOLD SOLUBLE CUT PLUS** oils are specially compounded emulsifying cutting oil composed of petroleum oil and special emulsifiers. It mixes readily with hot or cold water. It forms homogenous and exceptionally stable emulsions, which show no apparent separation after long period of user or storage. It also incorporates special biocides to increase coolant life and prevent unpleasant odors experienced as a result of bacterial infection. Meet the specification requirements of IS1115-1986 and DEFSTAN 91-23/1 (Grade ZX-1).

### DIRECTION FOR USE

- Always add oil to water and never the other way
- Use of low hardness(<100ppm), Low chlorides(<30ppm) water
- Never add product directly to the sump. Add in the emulsion form
- Always clean the sump thoroughly before a fresh charge

### PROPERTIES

- Excellent corrosion protection for steel and non ferrous metals
- Protect the equipment reliably and efficiently.
- Good compatibility with sealing materials

GOLD SOLUBLE CUT PLUS			
	<i>Test Properties</i>	<i>Test Method</i>	<i>Specification</i>
<b>Specification Properties &amp; Characteristics</b>	Appearance	Visual	Bright & Clear
	Colour	ASTM D 1500	Brown
	Viscosity, Kinematic at 40°C, cSt, Min	ASTM D 445	20
	Pour Point, °C, Max	ASTM D 97	-15
	Flash Point, COC, °C, Min	ASTM D 92	150
	Emulsion test in 400 ppm. hard water	Internal	Should Passes
	Corrosion Test , on C.I.	Internal	Should Passes
	pH of 5% solution in 400ppm hard water	Internal	7 - 10
	Copper Corrosion @100°C	ASTM D 130	L1a
	Emulsion stability	Visual	72 Hrs.

**Packaging Options:** GOLD SOLUBLE CUT PLUS is offered in 20, 26, 50 & 210 Liter.

**Health & Safety:** See corresponding product MSDS

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