

INSTASOL – 12 & 32 (CUTTING OIL)

Description

Instasol – 12 & 32, is a versatile, compounded, water soluble cutting oil designed primarily as a lubricant and coolant for cutting & grinding operations on both ferrous & non ferrous metals. Instasol – 12 & 32, has proven outstanding as a coolant for heavy duty machining operations, as an emulsifiable hydraulic oil and as a rust preventive.

Application

Instasol – 12 & 32, is to be used as per the suitability of the operation.

Advantages

- Good lubricity for smooth finishes.
- Multi – purpose, suitable from light to heavy duty operations.
- Excellent corrosion & stain control.
- Shelf life of coolant is excellent.
- These oils offer enhance sump life, increase tool performance & life, as well as good resistance to bacteria, corrosion & foaming.
- These products have good skin capability & are free from toxic ingredients, thereby eliminating disposal related problems.
- Suitable for use with varying hardness of water.

Packing

5, 10, 35, 50 lit. HDPE Carboys

Typical Characteristics

Sr. No.	Characteristics	Unit	Specification		Test Method
			Instasol - 12	Instasol - 32	
1	Emulsion Test (5% Emulsion)	--	Excellent	Excellent	Visual
2	Water, Max.	%	Max. 10.00	Max. 10.00	ASTM D 4377 – 00 (Re approved 2011)
3	Ash, Max.	%	Max. 4.00	Max. 4.00	IS: 1448 (P : 4), 2008, 3rd Revision
4	pH 10% Emulsion	--	6±1	6±1	IS : 11487 – 1985
5	Flash Point (Open Cup)	OC	Above 150	Above 150	IS: 1448 (P: 69), 1969
6	Specific Gravity @ RT, max.	gms/cc	0.95	0.95	IS: 1448 (P: 16), 1990
7	Viscosity at 40 OC	cSt	10 to 15	25 to 35	IS: 1448 (P : 25), 1976
8	Copper Corrosion Test	--	Passes	Passes	IS 1448(P:15), 2004, ISO : 2160 :1998

MSDS is available on request.



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