



Spectrum Cutting Solutions Pvt Ltd

Product Data Sheet

“SCOL OSS 50”

Product Description:

“SCOL OSS 50” is a Semi Synthetic Package, which base on surfactant, Sulphonate Amide, Ester base Chemistry.

“SCOL OSS 50” long service life semi-synthetic metalworking fluids, utilizing the finest quality additives to achieve stability in the concentrate, finished blends and the final emulsion.

Typical Properties:

- | | |
|-----------------------------|------------------------|
| 1) Color | : Amber to Dark Brown. |
| 2) Appearance | : Viscous Liquid. |
| 3) Acid value | : Max 10. MgKOH/gm |
| 4) Amine value | : Max 70. MgKOH/gm |
| 5) PH 5% in Distilled water | : Min 9.5 |

Key performance:

1. Excellent corrosion protection
2. Self-Emulsification
3. Biodegradable
4. Excellent Hard water stability
5. Cost Effective



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Guideline Formulations:

Raw material	Formulation
SCOL OSS 50	28.0
SN 70 GrII	60..0
SP -BORAMIDE 30	4.0
SP-CI-DO	1.80
SP -DA	2.0
SP-GX	1.0
SP-BM	1.0
SP-Deformer -98	0.2
SP-RSMO	2.0
Total	100.00

Result:

Properties	Formulation
Emulsion stability in 400 ppm	Passes
Cast iron Test as per ASTM 4627 3%	Passes
Frothing test in ration 20:1& 5:1 in 200 ppm Hard water(IS 1115 P:99)	Passes
Thermal stability at 50 °C(IS 1115 P:100)	Passes
Stability test at 4 °C	Passes

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Dosing :

28% to 30%

Storage condition:

Store inside warehouse, Temperature condition 10°C to 35°C

Avoid water collecting on barrel top,

Shelf life :

6 month Form Date of manufacturing.

Pack size :

50 kgs HDPE Carboy, 200kgs HDPE Drums

For Health & safety please refer MSDS

Guidance information is given as per our Knowledge.