



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



Spectrum Cutting Solutions Pvt Ltd

Guideline Formulations:

Raw material	Formulation
SCOL OSS 50	31.5
N 70 Grill	58..0
SP -BOROAMIDE 30	4.0
SP -201/SP-LAEO	4.5
SP-GX	1.0
SP-BM	1.0
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

Dosing :

28% to 30%

Flamingo, Empire, 'A' Wing, Flat No 502, Survey No. 22, Behind Maratha Mandir
Near Pristine Fontana Bldg., Bavdhan (Khurd), Pune -411021, Maharashtra
info@spectrumcspl.com www.spectrumcspl.com



Spectrum Cutting Solutions Pvt Ltd

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.