



Spectrum Cutting Solutions Pvt Ltd

Product Data Sheet

“SP OSS 60”

Product Description:

“SP OSS 60” is a Semi Synthetic Package, which base on surfactant, Sulphonate Amide, Ester base Chemistry.

“SP OSS 60” 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	: Yellow to Amber Clear liquid
2) Appearance	: Viscous Liquid.
3) Acid value	: Max 30 MgKOH/gm
4) Amine value	: Max 80. 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
SP -OSS 60	60
Deformer	0.1
Naphthenic oil	39.9
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
Emulsion colour till 400ppm	Translucent to Milky white

Dosing :

60%



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Storage condition:

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

Avoid water collecting on barrel top,

Shelf life:

6 month From 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.