



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%



## **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.*