



SIDDHI TRADE ENTERPRISE

TECHNICAL DATA SHEET

SOLUBLE CUTTING OIL EMULSIFIER

Introduction:

Introducing **New Technology** based Cutting Oil Emulsifier is a **SPECIALLY** designed Cutting Oil Emulsifier to work in **Higher TDS** of water. It is **Free of Rosin, SPS, Amides and Biocides**. It is mixture of Specially Formulated Esters of Edible Oil Fatty Acids to suit the purpose. It gives **Excellent Performance** in **Higher TDS** and **Water Hardness**.

Typical Properties:

- ✓ **Appearance:** Light yellow to dark brown color clear liquid.
- ✓ **Specific Gravity:** 0.985 To 1.1
- ✓ **pH:** 6.5 to 7.5
- ✓ **Acid value:** 10 max
- ✓ **13 % solution in 150 SN (HPCL):** Clear

Advantages:

- It has to be used 12.5 to 13 % w/w to get the better performance.
- It gives very good emulsion up to 750 ppm and 400 TDS.
- Emulsion will give excellent corrosion protection.
- Emulsion will give good foaming stability. If in case you face foaming problem water based defoamer has to be added in cutting oil.

Additional Information:

- Our Cutting Oil Emulsifier can be used in SN 70 and HA upto 12.5 to 13 % level to get the same performance.
- 5 % HA in SN 150 and SN 70 will increase the performance.

- 100 % use of HA instead of SN 70 and SN 150 will give excellent performance and can be used as temporary rust preventive to protect the parts for seven to ten days indoor.
- Our Cutting oil emulsion should not be mixed with any other cutting oil emulsifier, this will cause separation.
- Our Cutting Oil Emulsifier based cutting oil should not be mixed with any other cutting oil.
- To change over thorough cleaning of storage and pit has to be done.
- Do not heat the Emulsifier above 60 deg C.

THIS INFORMATION IS FOR GUIDELINES ONLY

On behalf of [Siddhi Trade Enterprise](#), we are pleased to have the opportunity to work with you and we look forward to establishing a solid, mutually beneficial business relationship.

Please feel free to contact us for further details. Assuring you our best services.

SIDDHI TRADE ENTERPRISE

Mayuresh Cosmos Society, Office No.1104, Plot No.37, Sector 11, CBD Belapur, Navi Mumbai 400614, India

Tel: 022-27561092, Fax: 022-27561279 Email: info@siddhitrade.co.in

Website: www.siddhitrade.co.in

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