



ZHENGZHOU CHORUS COMMERCE AND TRADE CO.,LTD

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Cutting Oil Emulsion Metal Working Fluid Additive

●Product Introduction

Cutting Oil Emulsifier Additive Package is a high performance additive package, it is formulated with the component with the performance of lubricity, anti-rust, emulsion, ect., which is suitable for paraffin base oil and naphthenic base oil.

●Features

The emulsifier oil prepared by this additive package is suitable for various ferrous metals and non-ferrous metals with long life.

It is good compatibility, the blended original fluid is stable and has no layer separation, the recommend treat rate is 20%.

●Physical/Chemical Data

The following performance data is tested by the formulation: blended by the 20% additive package + 80% naphthenic base oil, and diluted to 5% concentration by tap water.

| Item | Technical Specifications | Test Method |
|-------------------------|--------------------------|------------------|
| Appearance | Amber Transparent Liquid | By Visual |
| Dilution Appearance | Cream White Liquid | By Visual |
| Anti-rust Performance | Qualified | Strip (24 hours) |
| PH Value (Tap Water 5%) | 8.5-9.3 | PH Meter |
| Refraction Coefficient | 1 | Enoscope |
| Aanti-foam Performance | 0ml/10min | ml/min |

●Recommend Formulation

20% Cutting Oil Emulsifier Additive Package + 80% naphthenic base oil, then add oleinic acid about 3-5% (blend to get clear emulsion).

●Package, Storage and Transportation

The product is packed in 200KGS/drum or made to order, suitable for all means of transport. And it shall be stored in dry, cleaning, and ventilated warehouse.