

PETRONAS MECAFLUID™ SS 50



Semi-synthetic general machining metal-working fluid

PETRONAS MECAFLUID™ SS 50 is a semi-synthetic cutting fluid based on highly refined mineral oil in addition of emulsifiers, unctuous and EP additives. Blended with water PETRONAS MECAFLUID™ SS 50 provides a milky emulsion with good biostability and good detergent characteristics.

Applications

PETRONAS MECAFLUID™ SS 50 is suitable for grinding and general machining operations of both ferrous and non-ferrous metals (alluminium alloys).

Features and Benefits

- ┆ Good biostability
- ┆ Excellent detergent characteristics.
- ┆ Superb detergent and unctuous properties, good for grinding operations.

Typical Properties

CHARACTERISTICS	Concentrate	5% in H2O sol.
Aspect	Clear liquid	
Colour	Amber	
Refractometric Factor	1,5	
Density @ 15 °C, kg/l	0.970-1.000	
Boron	<0.6%	
Chlorine	absent	
pH		9,5
Alkaline reserve at pH4, ml H2SO4 1N/100ml		6,4
Antrust Test, DIN51360/2		0

*All technical data is provided for reference only.

Health, Safety and Environment.

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.