

PETRONAS Mecafluid S-8S

Description Biostatic, fully synthetic grinding coolant, which does NOT contain nitrite, nitrate or mineral oil.

Application ratio

	<u>NON ferrous materials</u>	<u>ferrous materials</u>
Grinding (in/outside)	1 -1.5 %	1 – 2.5 %
High speed grinding	1 – 2 %	2 – 3.5 %

Properties

- Inhibited against bacteria growth.
- Free from active respectively corrosive components such as chlorine, sulphur and phosphor.
- Transparent and stable solutions will be formed in both soft and hard water.
- When working with copper and its alloys, light darkening of the metal may occur due to the building-up of the amine-complex.
- When changing from emulsions with mineral oils to synthetic coolants, such as Mecafluid S-8S, it is strongly recommended to clean the system thoroughly.

Typical analysis :

Density at 15°C	1.065
Odour	neutral
Aspect	transparent orange
pH (2% solution)	9.1
Protection against rust (1%)	good
Reserve alkalinity (3%)	83
Sulphonates (%)	0.23
Chlorine	none
Dilution ratio	Refracto meter (°Brix) x 2,3 = % conc.

All technical data is provided for reference only.

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