

AGITAN[®] DF 2553

TECHNICAL INFORMATION

Defoamer for aqueous systems

Composition: Emulsion of mineral oil and non ionic surfactants, APEO free

Appearance: liquid
Colour: beige-coloured, turbid

Typical Properties:

Active ingredients:	approx. 87 %
Viscosity:	approx. 150 mPa s
Density at 20°C:	approx. 0.89 g/cm ³
Flash point:	> 170°C
Solubility in water:	insoluble
pH (2% in dist. water):	approx. 7.5

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: AGITAN DF 2553 is a defoamer for all common emulsion systems. It provides the following properties:

- Excellent compatibility in concentrated metal working fluids and lubricants
- Retains efficiency after prolonged storage in the concentrates
- High efficiency in diluted fluids
- No effect on the emulsion characteristics of fluids
- Non-ionic character

Main applications:

- Mineral oil based cutting and lubricating fluids
- Synthetic and semi-synthetic fluids

Recommended levels/use: AGITAN DF 2553 should be agitated before use.
Suggested dosage for some typical applications:
Mineral oil based cutting and lubricating fluids should be incorporated directly.

- Concentrates 0.3-0.5 %
- Diluted Fluids 0.02-0.05 %

Synthetic and semi-synthetic fluids may be incorporated directly into concentrates and diluted fluids. In the manufacture of wholly synthetic types, AGITAN DF 2553 may be pre-blended with the emulsifiers and wetting agents.

- Concentrates 0.1-0.3 %
- Diluted Fluids 0.02-0.05 %

Storage/handling: AGITAN DF 2553 is not sensitive to freezing but for better handling it should be stored between 5 and 35 °C. As the product tends to separate it should be mixed before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging: Totes holding 850 kg net, drums holding 130 kg net or cans holding 20 kg net.