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/cm³
- 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.