



TECHNICAL DATA SHEET

Excellfluid LFDX

Low foam, chlorine free water-mix metalworking fluid

Product code: S126

Product Description:

Excellfluid LFDX is the latest in chlorine free technology offering significant advantages in performance without the use of chlorinated additives. It is inherently low foaming and hard water stable. It is suitable for use on a wide range of difficult materials and is a perfect choice for aerospace manufacturing.

Excellfluid LFDX offers unrivalled cutting performance and can be used in all types of manufacturing applications. The performance incorporated into the fluid provides outstanding surface finish on all types of aluminium and associated alloys as well as steels. The unique formulation prevents scum and soap formation associated with more reactive materials.

Features & Benefits:

- Excellent machining characteristics
- Chlorine free
- Secondary amine free
- NP Ethoxylates free
- Hard water stable
- Ultra-low foaming tendency
- Multi-metal compatible
- Outstanding levels of boundary lubrication

Typical Test Data:

Appearance of Concentrate	Amber liquid
Odour	Sweet
Emulsion Appearance	Milky white
Specific Gravity	0.951
pH @ 5%	9.2
IP287 Breakpoint, %	2.0
Reichert Performance @ 10%	Noise Reduction 13.0m
	Load Capacity 2.06 kg/mm ²
Refractometer Correction Factor	1.1

Refractometer Dilutions:

Broaching 8 - 10%
Tapping 8 - 10%
Reaming 8 - 10%
Deep Hole Drilling 7 - 10%
General Machining 5 - 7%