

DESCRIPTION

Servocut AL 23 is a long life & bio-stable fluid for cutting application of non ferrous metals like aluminium, aluminium alloys, copper. It also suitable for ferrous applications like cast Iron(CI), mild steel(MS), alloy steel etc. It is a high performance water miscible type metal working fluid. It does not contain chlorine additives and is free from boron, nitrite, etc.

APPLICATION

Servocut AL 23 is recommended for cutting operations on non ferrous / ferrous metals in water-mix form at concentration level of 4-8 (% v/v) respectively.

It is especially recommended for machining applications of aluminium alloys, cast iron, mild steel and alloy steel

PERFORMANCE BENEFITS

- ❖ Withstand high water hardness of > 700 ppm thus providing long sump life
- ❖ Excellent control over bacterial growth
- ❖ It has superior cooling characteristics
- ❖ Enhanced tool life & Provides excellent surface finish
- ❖ Lower oil consumption
- ❖ Excellent antirust properties
- ❖ Operator friendliness when used in proper dilution range
- ❖ Ideally suitable for centrally managed sumps.

PRODUCT PERFORMANCE

☞ Servocut AL 23 has shown excellent performance in applications such as milling, turning, drilling, boring etc. on aluminium alloys components in various automotive ancillary/automotive plants.

CHARACTERISTICS

	Servocut AL 23
Density at 29.5°C, gm/ml	0.886
K.V. of neat oil @ 40°C, cSt	38 - 46
pH of 2.5% emulsion in distilled water	8.4 – 8.8
Emulsion test @ 20:1 & 50:1 dilution in 400 ppm hardness – oil / cream, ml	Nil / 0.1

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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