

Technical Datasheet

elesa® CUT

Metalworking and cutting fluid



• Description

Direct application heavy duty metalworking cutting fluid. Very versatile. Multiple applications. Ideal for workshops covering a wide range of metalworking operations and/or working with different kinds of materials.

• Applications

- ✓ Low machinability hardened steel metalworking.
- ✓ Tough difficult metalworking jobs.
- ✓ Milling, threading, drilling, carving, cold sawing, automatic turning,...
- ✓ Suitable for a wide range of metals: hardened steels, stainless steels, copper, bronze, brass, aluminium and gold.

• Advantages

- ✓ Good lubricating strength to highly absorb pressure and provide low friction coefficients.
- ✓ Excellent results in cutting.
- ✓ Minimal tendency to form oily mists.
- ✓ Extends sharpening intervals. Longer tool life.
- ✓ Helps to obtain perfect surface and depth finishes.
- ✓ Improves safety and hygiene conditions.
- ✓ **Available in spray** making it handy for use outside the workshop and for concrete applications.

• Properties

- ✓ Transparent oil. Strong cooling power.
- ✓ Formulated with polarized extreme pressure additives that anchor on the metal atoms.
- ✓ Very chemically stable.
- ✓ Free from sulphur and chloride compounds.
- ✓ Easily removed using waterjet spray.

• Characteristics

PROPERTY	STANDARD	elesa® CUT
Colour		Ambar
Density 20°C, g/cm ³	ASTM-D 1298	0,875
Viscosity 40°C, cSt	ASTM-D 445	55
Flash Point V.A., °C	ASTM-D 92	190
Corrosion on copper	ASTM-D130	1 b
Pour Point °C	ASTM-D 97	-10
Chlorine		Exempt
Active sulphur		Exempt

The stated characteristics reflect typical values. They should not be taken as product specifications.

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