



Product Data

Carecut ES2

Biodegradable Ester Based Machining & Grinding Fluid

DESCRIPTION

Castrol CareCut ES2 has been formulated using advanced biodegradable ester based technology and is intended for use in grinding machines and for deep hole drilling.

APPLICATION

Castrol CareCut ES2 can be used with all types of grinding media, but is especially effective with CBN grinding. It is suitable for severe grinding, form grinding and gear grinding on machines such as: Niles, Kapp Reishauer. It is suitable for all ferrous and non-ferrous metal machining but is particularly suitable for boring operations in general deep hole drilling, boring and trepanning where pressurised coolant systems are used to clear swarf quickly.

FEATURES

- ◆ Very high lubricity
- ◆ Biodegradable
- ◆ Chlorine free
- ◆ Pale colour and low odour
- ◆ Low misting
- ◆ High flash point

BENEFITS

- ◆ Improved tool life, surface finish and productivity (increased G ratio)
- ◆ Environmentally friendly
- ◆ Environmentally friendly
- ◆ Pleasant to use
- ◆ Improved health and safety

Carecut ES2
27/04/2004

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the date of printing. It should be noted however that the information may be effected by changes subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such Products

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TYPICAL PHYSICAL CHARACTERISTICS

Colour	-	Light Straw
Odour	-	Mild
Density at 20°C kg/m ³	-	0.865
Viscosity at 40°C, cSt	-	8.8
Flash point °C	-	200

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