

ECOCUT PD-14

Chlorine free neat cutting oil

Description

ECOCUT PD-14 is a chlorine free neat oil formulated for the broaching of titanium, developed in conjunction with a major manufacturer of jet engine components. It is also ideal for heavy duty general machining and gun drilling of low to high tensile steels, as well as precision auto machining of ferrous alloys.

ECOCUT PD-14 is a low viscosity neat cutting oil based on a blend of highly refined mineral oils with a complex package of active extreme pressure additives and lubricity improvers.

The high performance EP package makes it a versatile cutting oil, suitable for use on a wide variety of difficult to machine steels and alloys

ECOCUT PD-14 is one of a range of FUCHS' environmentally improved neat cutting oils and, as such, does not contain chlorinated compounds.

Note

ECOCUT PD-14 contains active sulphur, which may cause staining of yellow metals.

Application

Broaching titanium alloys.
Heavy duty general machining, gun drilling etc - low to high tensile steels.
Precision auto machining of ferrous alloys.

Advantages/Benefits

- Environmentally improved - does NOT contain chlorinated additives
- High extreme pressure capability - excellent surface finish/tooling performance
- Pale colour
- Low odour
- Excellent penetration/wetting capability

Other Services

A comprehensive range of monitoring and maintenance systems are available from FUCHS Lubricants UK, incorporating fluid dispensing, recycling and disposal equipment.

Component Protection

Following manufacturing operations Fuchs recommends the use of our fully compatible RENOCLEAN cleaners and ANTICORIT corrosion preventives to clean and protect your components. Please refer to data sheets, or contact your local Fuchs Area Manager to discuss your requirements.

CHARACTERISTICS: ECOCUT PD-14

Characteristics	Unit		Test Method
Appearance		Clear yellow fluid	
Specific gravity at 15.6°C		0.870	IP160
Kinematic viscosity at 40°C	mm ² /s	13.5	IP71
4 Ball weld load	Kg	550	IP239