

Health & Safety For health and safety information please refer to the relevant health & safety data sheet on our website. The content of this data sheet is given in good faith but without warranty.

TECHNICAL DATA SHEET EVOLUTION CUTTING FLUID

Product Description:

Evolution Cutting Fluid is highly refined, medium viscosity, medium duty chlorine free neat cutting oil.

Evolution Cutting Fluid is blended from highly refined base oils making it light coloured, highly resistant to oxidation and virtually odourless. It contains sulphurised fatty ester additives to improve surface finish and extend tool life. Evolution Cutting Fluid also contains special anti-mist additives to comply with latest Health and Safety requirements and to improve the work piece visibility.

Benefits:

- Chlorine free
- Low odor/colour/misting for improved operator handle ability
- Compatible with automatic CNC machines
- Non staining
- Good surface finish
- Excellent tool life
- Excellent results on a wide range of materials

Applications:

Evolution Cutting Fluid is designed for medium duty operations where chlorine free oil is required. It can be used for: grinding, turning, milling, drilling, reaming, gear shaping and automatic/CNC machining of both ferrous and non-ferrous materials. Sulphurised and fatty esters give outstanding EP properties even at elevated temperatures.

Typical Test Data:

SG @ 15.6°C	-	0.883
KV @ 40°C (cSt)	-	22
Flash Point (°C)	-	>190
Colour	-	Pale yellow
Copper corrosion (3Hrs@100°C)	-	Class 1-2

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