



FILDUC 1879

HEAVY DUTY CUTTING OIL R.T.D. (Reaming, Tapping, Drilling operations)

ONLY 2% VOC

DESCRIPTION

FILDUC 1879 is an excellent all-purpose heavy duty cutting oil reinforced with anti-wear and extreme pressure additives.

FILDUC 1879 is formulated for all difficult metal working operations, whether manual or automatic on CNC machines. Recommended for reaming, tapping, drilling, boring, sawing and other metal cutting operations.

APPLICATION

FILDUC 1879 is commonly used in industrial factories, machine tool manufacturing, and all engineering workshops to lubricate cutting tools during various metal cutting operations: reaming, tapping, drilling, boring, sawing ...

FILDUC 1879 is suitable for all metals including hardened steels, stainless steels, titaniums and nimonics. Do not use on cuprous metals or alloys (stains hazard).

PRODUCT BENEFITS

- Suitable for severe cutting operations.
- Prevents seizing and slip-stick.
- Significantly reduces friction giving superb cutting performance.
- Unique lubricating properties promoting excellent surface finish.
- Heavy duty fluid containing anti-wear and anti-corrosion additives.
- Excellent shear strength property.
- Very good surface adhesion.
- SILICONE-FREE, allowing for any subsequent painting operation.
- Ideal for use where accessibility is a problem.
- Can be applied directly to moving tools.
- Double tool life resulting in decrease in tooling costs.
- Reduces the needs for re-machining parts, thus reducing the number of rejected tools.

APPROVALS

Meets the requirements of the National Technical Committee of Metallurgy Industries concerning the protection of user against harmful products to health.

Index (method DMSO-UV)*=165

* PV CETIM No5/0190053/537/4A - NOTE: Maximum allowed=300

PHYSICAL PROPERTIES

Appearance..... Viscous liquid

Colour brown

Viscosity at 40° C (ASTM D445)..... 510 cSt

Density at 20° C (NFT 60-101) 0.97

VOC content < 2%

DIRECTIONS

Aerosol: Shake well before use and spray directly onto workpiece or tool from a distance of 15 - 30 cm.

Liquid: Apply straight to the cutting operation (repeat if necessary).

Nota: Test compatibility with painted or coated surfaces, plastics and rubbers prior to application.

STORAGE & SAFETY

Two years, stored in closed original packaging at ambient temperature.

Bulk: Under normal condition of use, no specific hazard.

Aerosol: Flammable product. Do not expose to temperature exceeding 50° C. Do not use on incandescent, warm body or near a source of heat.

Always use in well ventilated areas. Wear gloves and glasses.

For further information, please consult the Materials Safety Data Sheet.

PACKAGING

340 gm aerosol	Ref. O 859 A3	x 12
650 ml aerosol	Ref. O 859 A4	x 12
125 ml oil can	Ref. O 859 R1	x 12
5 L jerry-can	Ref. O 859 J1	x 4
20 L drum	Ref. O 859 O1	x 1
200 L drum	Ref. O 859 U2	x 1

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