



Product Data

Castrol SE Fluid[®] 180

High Performance EDM Fluid

Description

The advancement of the Electrical Discharge Machining (EDM) technology has put greater demand on the quality of EDM fluid by the spark erosion operation and machine operators. Castrol recognised a need for a new DEM fluid to meet these trends.

In the field applications, **Castrol SE Fluid[®] 180** has proved to be well accepted by the industry, achieving machine operators' acceptance due to its unique odourless and non-skin irritation properties. It is formulated with an ideal viscosity to provide effective EDM operation with minimum electrode wear.

Castrol SE Fluid[®] 180 also has excellent inherent resistance to oxidation and discolouration, making it a economical choice for EDM operations.

Performance Benefits

- Odourless - Greater acceptance by machine operators.
- Exceptionally low aromatic content - Greater safety for the worker's health.
- Excellent oxidation stability - Longer fluid life.
- High flash point - Better work safety.
- Optimum viscosity - Provide effective flushing and spark erosion operation.

Typical Characteristics

Castrol	SE Fluid [®] 180
Colour	Colourless
Density @ 15°C	0.814
Kinematic Viscosity, cSt @ 40°C	3.0
Closed Flash Point, °C	110
Aromatic Content % wt	<0.01
Copper Corrosion (100°C @ 3 Hrs)	1a

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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