



Product Data

Castrol SE Fluid 180

EDM Fluid

Description

Castrol SE Fluid™ 180 is an Electron Discharge Machining (EDM) fluid based on a highly purified synthetic hydrocarbon and supplied ready for use.

Application

SE Fluid 180 is formulated for use in spark erosion machines and meets the requirements of Cincinatti P71 specification.

Advantages

- Extremely low aromatic content. Greater safety for workers health and will not damage rubbers or seals. Improved reliability of EDM equipment, compatible for use in AGIE EDM machines.
- Low odour – greater acceptance by machine operators
- Synthetic hydrocarbon base. Good stability and reduced oxidative breakdown. Extended fluid life.
- Low viscosity fluid. Extremely good flushing properties. Keep debris clear of erosion process
- High flashpoint – better workplace safety

Technical Data

Appearance	Clear, almost colourless fluid
Density @ 15°C	0.764
Viscosity @ 40°C	1.9 cSt
Flash Point (closed)	93°C
Aromatic content	Less than 0.24%

The above are typical figures and do not constitute a specification.

Additional Information

SE Fluid 180 is classified as hazardous according to the criteria of NOHSC. It is harmful if swallowed and can also cause skin dryness or cracking. In line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

SE Fluid 180
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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 products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product. See www.msds.castrol.com.au

Castrol Australia Pty Limited, Industrial Lubricants and Services, GPO Box 5222, Melbourne VIC 3001
Technical Advice Line 1300 557 998 / Customer Service 1300 554 890
www.castrol.com/industrial



Product Data

Combustible C1 liquid for storage and handling purposes. Store in a cool, dry, well-ventilated area out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials such as oxidising materials. Reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Airborne mists of this product may ignite in the presence of an ignition source.

Spillage: SMALL - 20 LITRES OR LESS

Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.

LARGE - GREATER THAN 20 LITRES

Contain as soon as possible, remove by best means available and arrange recycling (preferred) or disposal through an approved facility.

Disposal: New or used material must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority.

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