TECHNICAL DATA SHEET
CIIFROL FERROBROACH 11
Neat Cutting Oil

DESCRIPTION
Ciifrol Ferrobroach 11 oils are active sulphur type premium quality transport type low viscosity broaching Oils. These oils are formulated with High performance Extreme pressure additives and Fatty oils blended in Selective base Oils. These oils contain active sulphur and anti-mist additives to improve surface finish, extend tool life and also ensure mist free operations. These Oils are not suitable for yellow metals.

APPLICATIONS
These oils are recommended as heavy duty neat cutting Oils for severe machining operations such as threading, tapping and broaching on ferrous metals and special and difficult alloy steels.

SPECIFICATIONS
Ciifrol Ferrobroach 11 oils are propriety products of SRN Lubricants.

BENEFITS
- Transparent oils provide clear and better view of machining operations
- Improves broach life and provides excellent surface finish.
- Provides good cooling at chip/tool interface even in arduous operating conditions.
- High Thermal and Oxidative stability ensured prolonged operating life
- Ensure easier separation of dwarf and metal debris.
- Operator friendly.
- Very low misting and fuming.

TYPICAL VALUES

CIIFROL FERROBROACH 11	
Property	**Typical Value**
Viscosity at 40°C, cSt	9-11
Flash Point, COC, Deg C	160
Copper Strip Corrosion	2b
Weld Load	800 – 1200 Kg
Active Sulphur	Present
Fatty oil	Present
Anti-mist	Present

The information provided in this Technical Data Sheet is based on our best knowledge and experience and is intended as a general guide. The technical data represents typical values and may vary depending on product batches, operating conditions and application methods.
Users are advised to refer to the latest Technical Data Sheet and Safety Data Sheet (SDS) for applicable product information.
Users are advised to evaluate the product for suitability for their specific application and to follow recommended handling, storage and safety practices. CIIFROL accepts no responsibility for any loss, damage or injury resulting from improper, unintended or abnormal use of the product or conditions beyond its reasonable control.
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