# TECHNICAL DATA SHEET

## CIIFROL DHD OIL

**Neat Cutting Oil**

## DESCRIPTION

Ciifrol DHD 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 Deep Hole Drilling, Gun Drilling, Trepanning on ferrous metals and special and difficult alloy steels where pressurised coolant system is employed for easier dwarf removal.

## SPECIFICATIONS

Ciifrol DHD oils are propriety products of SRN Lubricants.

## BENEFITS

- Helps in continuous and long work cycle operation where accurate cutting is required.
- Improves tool life and provides excellent surface finish.
- Provides good cooling at chip/tool interface.
- Optimises filter life due to low sludging tendency at operating temp.
- Ensure easier separation of swarf and metal debris.
- Operator friendly.
- Very low misting and fuming.

## TYPICAL PROPERTIES

| Property | Typical Value |
|---|---|
| Viscosity at 40°C, cSt | 9.5 – 11.5 |
| Flash Point, COC, °C | 130 |
| Copper Strip Corrosion | 4 |
| Weld Load | 800 Kg |
| Active Sulphur | Present |
| Anti-mist | Present |

## PRODUCT NOTE

The above given values are typical results; however the guaranteed specifications values are different and often lower than the typical values. For the guaranteed specifications, please discuss with SRN Lubricants representative.

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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