



## Product Data

### Castrol Iloform FN 286™ Cold Forming Neat Oil

#### Description

*Castrol Iloform FN 286 is a highly sulphurised, medium viscosity oil used for cold forming and heading operations. The high content of free sulphur enables the formation of a high strength molecular sulphide film at the point of contact of the metal surface and the die. This film reduces friction and withstands high temperatures of upto 1000 deg C. This protects the die from wear and provides excellent surface finish.*

#### Application

*Castrol Iloform FN 286 is used for forming large fastener plugs and bolts in heading machines where high EP properties are desired. It is also suitable for formation of ferrous metals and high alloy steels because of the versatility of its EP characteristics. It is also recommended for Stainless Steel Wire Drawing applications. It is recommended to be used in neat form and not recommended for use with copper or cuprous metals.*

#### Advantages

Product Features	Operational Benefits	Customer Benefits
Better Lubricity package	Excellent surface finish	Lesser rejection ratio
Enhanced EP Properties	Extended die protection	Good Die life
Better Temperature Stability	Longer life of oil	Reduced costs and economy of use

Castrol Iloform FN 286  
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### Characteristics

Characteristics	Typical Value
Appearance	Dark Brown
Specific Gravity @ 29.5 deg C	0.940
Flash Point( COC)	135 Deg C
Viscosity @ 40 deg C	43.2 CST
Viscosity @ 50 deg C	29.5 CST
Copper Corrosion @ 100 deg C/ 3 hrs	4 a (ASTM)
Weld load	600 kgs

*Information contained in this technical sheet are in accordance with the best of our knowledge.*

*Applications are given for general information only. Our responsibilities are only bound on recommendations made after study by our technical services of the using particular conditions of this product.*

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

*For information about health and safety precautions please refer to the material safety data sheets.*

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