

Product Data

Castrol Ilocut[®] 486

Description

Castrol Ilocut[®] 486 is a clear, pale yellow straight cutting fluid manufactured from solvent refined mineral oil and blended with fatty oil and chlorinated additives. It is a general duty cutting oil which ensures good tool life and cutting performance, it is non-staining, and therefore suitable for both ferrous and non-ferrous materials. A wide range of duties may be performed using this oil, for apart from its application to automatic and multi-tool lathes handling the higher tensile steels, **Castrol Ilocut[®] 486** is suitable for such specialised operations as production thread grinding, broaching and multi-cutter milling set-ups.

Performance Benefits

- Good tool life and surface finish as a result of EP additives present.
- Versatile product which can be used in many applications.
- Suitable for a wide range of steels and non-ferrous materials

Recommended Applications

Castrol Ilocut[®] 486 is recommended for general use on automatic and multi-tool lathes, production thread grinding, broaching, multi-cutter milling and gear hobbing (Gleason Revacycle). It is suitable for both ferrous and non-ferrous materials, high tensile steels, inconel, high nickel and stainless steels.

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Typical Characteristics

Castrol	Ilocut [®] 486
Colour	Light Amber
Density @ 15°C	0.926
Kinematic Viscosity @ 40°C, cSt	22.7
Closed Flash Point, °C	194
Sulphur % wt Chlorine % wt Fat % wt	Nil D C
Copper Corrosion (100°C @ 3 Hrs)	1a

(A : <1 % B : 1 - 3 % C : >3 - 9 % D : >9 -20 % E : >20 %)

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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