

Product Data

Castrol Ilocut[®] 603, 606

Description

Castrol Ilocut[®] 603 & 606 are sulphurised fatty/ mineral oils specially blended to prevent localised welding between the chip and the tool. Highly satisfactory tool life/output figures and clean finished parts can be expected, due entirely to better cutting tool lubrication.

Castrol Ilocut[®] 603 & 606 have an additional advantage of being a bland, pale-coloured and clear cutting oil thereby creating a better working environment. This clarity allows the machine operator to see more clearly the conditions at the interface of tool and workpiece. This pale-coloured cutting oil allows the operator to see more easily the conditions at the interface of tool and workpiece.

Performance Benefits

- Consistently high surface finish and dimensional accuracy
- Versatile product which can be used in many applications.
- Good tool life due to active sulphur formulation.
- Low in fuming and misting.
- Pale colour and low odour improves operators acceptance.

Recommended Applications

Castrol Ilocut[®] 603: For automatic, semi-automatic and combination turret lathe work also gear cutting, threading and tapping on steels in the 45-65 tons tensile range.

Castrol Ilocut[®] 606: For multi-spindle, chucking and screw automatics, multi-tool lathes and form tool work on steels of up to 45 tensile strength with particular reference to high volume production.

Castrol Industrial

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Typical Characteristics

Castrol	Ilocut® 603	Ilocut® 606
Colour	Light Amber	Light Amber
Density @ 15°C	0.878	0.874
Kinematic Viscosity @ 40°C, cSt	32.3	27.1
Open Cup Flash Point, °C	203	203
Sulphur % wt Chlorine % wt Fat % wt	A Nil C	A Nil B
Copper Corrosion (100°C @ 3 Hrs)	Stain	Stain

(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.