



Product Data

Castrol Ilocut 482™ Multimetal Multipurpose Neat Oil

Description

Castrol Ilocut 482 is a pale coloured extreme pressure (EP) type, neat cutting oil based on solvent refined mineral oils. Its EP properties are conferred by selected fatty oils synergised with stable chlorinated additives. These chlorinated additives produce metallic derivatives, which form a low friction film to prevent wear and welding and is effective upto 6000c.

Application

Castrol Ilocut 482 is ideally suited for machining both ferrous and non-ferrous metals. Its range of applications includes automatic lathe work, thread grinding, form grinding, milling etc.

Operation	Cast Iron	Carbon Steel	Alloy Steel	Copper Alloys	Aluminium Alloys
Turning	†	†	†	†	†
Milling	†	†	†	†	†
Thread Grinding	-	†	†	-	-
Form Grinding	-	†	†	-	-

† PREFERRED

Advantages

Product Feature	Operational Advantage	Customer Benefits
Non – Fuming	Cleaner work atmosphere at shop floor	Operator friendly
Medium viscosity with EP additives	Good flushing action as well as anti-chip welding properties	Lesser dressing frequency of grinding wheels
Non-corrosive to copper	Both ferrous and non-ferrous products can be machined	Product rationalisation
Transparent fluid	Clear visibility of cutting zones	Operator friendly

Castrol Ilocut 48
01.11.2006, Version Number 1.0
"Castrol Ilocut 48" and Castrol are trademarks of Castrol Limited, used under licence.

All reasonable care has been taken to ensure that the information included 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 India Limited products. MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product

Castrol India Limited, Industrial Lubricant & Services, Rayala Towers, II Tower, V Floor, 781-785, Anna Salai, Chennai – 600 002.
Tel: +91 44 42198899 Fax: +91 44 28416305 Toll Free: 1800 - 425 - 4588 (BSNL) Help Line: 044-39019019
Email:customer.service@castrol.com



Product Data

Characteristics

Characteristics	Typical Value
<i>Relative Density @ 300C</i>	<i>0.875</i>
<i>Kinematic Viscosity @ 40 deg C. CSt</i>	<i>24</i>
<i>Flash Point deg C (COC) min</i>	<i>180</i>
<i>Copper strip corrosion @100degC for 3 hours</i>	<i>1 (b)</i>
<i>Weld load (kgs)</i>	<i>300</i>

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

Castrol Illocut 48
01.11.2006, Version Number 1.0
"Castrol Illocut 48" and Castrol are trademarks of Castrol Limited, used under licence.

All reasonable care has been taken to ensure that the information included 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 India Limited products. MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product

Castrol India Limited, Industrial Lubricant & Services, Rayala Towers, II Tower, V Floor, 781-785, Anna Salai, Chennai – 600 002.
Tel: +91 44 42198899 Fax: +91 44 28416305 Toll Free: 1800 - 425 - 4588 (BSNL) Help Line: 044-39019019
Email:customer.service@castrol.com