

Product Description

Cutrex 722 is a premium quality high additive content straight cutting oil. It is manufactured from high quality solvent refined oils and contains sulphurised and chlorinated extreme pressure additives in addition to the Mobil anti-mist additive package.

Benefits

Cutrex 722 offers the following benefits:

- Low viscosity for maximum cooling and to ensure rapid swarf removal
- A balanced additive package to maximise pad and tool life in deep hole drilling operations
- High level of extreme pressure machining performance reduces production costs
- High additive content ensures excellent finish of machined parts
- Increased production resulting from improvements in tool life and a reduction in downtime for tool changes
- Improved surface finish and dimensional accuracy results in fewer rejects
- The high pressure content of the product allows cutting speeds and feeds to be maximised
- No staining of ferrous slideways parts or fixtures
- Anti-mist additive package reduces oil misting in high speed operations ensuring a clean, pleasant working environment

Application

Cutrex 722 is a multipurpose product for heavy duty operations on ferrous metals particularly those where the product is pressure fed to remote tooling.

Cutrex 722 is particularly recommended for deep hole drilling, boring and trepanning operations where high levels of stock removal and extreme pressure additive activity are critical operating parameters. It is also recommended for slow to medium speed heavy stock removal operations on ferrous metals. The low viscosity of the product make it particularly suitable for operations requiring rapid removal of all swarf and fines.

N.B. The low flash point makes Cutrex 722 unsuitable for high speed operations in enclosed machines.

The optimum product for any machining operation - workpiece material combination should be selected on viscosity and additive type-content. The additive activity of Cutrex 722 is determined by the severity of the operation. This reduces the incidence of staining often encountered with other corrosive sulphurised straight cutting oils.*

*Warning. This product, being corrosive to copper, will stain yellow metals including copper, brass, etc. with prolonged contact at elevated temperatures.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Cutrex 722

Viscosity, cSt at 40°C	10.0
Chlorine content, % wt max.	9.7
Sulphur content, (Added) % wt	0.8
Anti-Mist Additives	Yes
Flash Point, °C COC min.	130
Copper Strip Corrosion Test, 3 hrs at 100°C	Class 4 min.

Due to continual product research and development, the information contained herein is subject to change without notice.

Mobil Oil Company Limited
Acting as Agent for Mobil Lubricants UK Limited
ExxonMobil House, Ermyn Way
Leatherhead, Surrey, KT22 8UX
Telephone: 01372 22 2000

