



Excelcut 433

Extreme pressure low viscosity neat cutting oil

Product code: N020

Product Description:

Excelcut 433 is manufactured from highly refined paraffinic mineral oils making it pale coloured, virtually odourless and highly resistant to oxidation. Excelcut 433 contains very high levels of controlled release sulphur and fatty ester additives for an ultimate surface finish, extended tool life and low chip welding tendencies. It also contains special anti-mist additives for improved visibility of the work piece and healthier environmental aspects. The lower viscosity offers very low drag out losses in operation, improved penetration, fast heat dissipation from the cutting zone and excellent swarf removal rates.

Benefits:

- Low viscosity
- Low misting for improved operator visibility
- Excellent surface finish on a wide range of materials
- Non-staining formulation, suitable for use with yellow metals

Application:

Excelcut 433 is suitable for heavy duty machining, deep hole boring, trepanning, broaching and high-speed gear generation on mild, medium and high tensile steels including stainless, and on non-ferrous materials. Excelcut 433 will not stain yellow metals.

Typical Test Data:

Specific Gravity @ 15.6°C	0.860
Kinematic Viscosity @ 40°C (cSt)	10.34
Flash Point COC (°C)	155
Copper Corrosion	Class 1b
Appearance	Amber