

CONTOL Neat Cutting Oil –NCF-195 (Typical Product Data Sheet)

DESCRIPTION

Contol Neat Cutting Oil NCF 195 is a high performance sulphurised compounded extreme pressure neat cutting oil. It is a slightly brownish yellow colour product which is operator friendly too, but with low odour.

It is designed with good quality base oils with adequate viscosity, active EP and selective lubricity additives. These sulphur additives get activated and react chemically with interacting metal surfaces and form protective film. This film is stable at very high temperature and prevents localized welding. It also gives high EP characteristics and excellent surface finish.

APPLICATION

Contol Neat Cutting Oil NCF 195 is mainly recommended for gear cutting, gear hobbing, drilling, reaming and thread milling operation. It is also suitable for the severe operations like deep hole boring, deep hole drilling, gun drilling, etc. with cast iron, carbon steel, alloy steel and stainless steel.

Contol Neat Cutting Oil NCF 195 is not recommended for nonferrous metals, copper alloys and aluminium alloys.

Contol Neat Cutting Oil NCF 195 being Chlorine free is an eco-friendly product.

PERFORMANCE BENEFITS

- Complete visibility of tool and work piece
- Good cooling resulting in consistent accuracy and surface finish
- High lubricity and EP additives for more tool life
- No local chip welding
- Low odour, low fuming and anti misting – Environmental and operator friendly.
- Easy flow of product – low pour point

Contol Neat Cutting Oil NCF 195
TYPICAL PROPERTIES

Appearance	Slight, Brownish yellow Colour Fluid
Colour ASTM D1500	2
S.G @ 29.5° C	0.867
Kinematic Viscosity @ 40° C	30 to 35 cSt
Flash Point° C (COC) min.	184
Copper strip Corrosion @ 100° C for 1 hour.	4c
Four Ball Weld Load, Kgs.	600
Pour Point, °C	-3

The figures quoted are typical, do not constitute a specification and are subject to the usual manufacturing tolerances