



LUBRITA CUTTING OIL HFE

DESCRIPTION

LUBRITA CUTTING OIL HFE is premium quality, state of the art proprietary chlorine-free neat cutting oils for a wide variety of machining operations on ferrous metals. These are formulated with highly refined selected base oils fortified with a extreme pressure sulphurised additive designed for extremes of performance plus presence of lubricity agents helps in smooth operations. This unique sulphurised additive component gives stability in a wide range of operating temperatures/ severity of operations in auto lathes.

Applications

LUBRITA CUTTING OIL HFE 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, etc. with carbon steel, alloy steel and stainless steel. Due to presence of sulphurised additive components, it is **NOT** to be used on **nonferrous and yellow materials and also the machines having yellow materials like bushes etc.**

FEATURES & BENEFITS

- User and Environment friendly due to Chlorine-free.
- Low misting /fuming even under high working Temperatures.
- Enhance tool life due to presence of Lubricity agents.
- Improve surface finish due to performance even in high temperatures.
- Increase productivity due to increased sump life.
- Provide greater dimensional accuracy & minimize rejects.
- High weld load with high lubricity.

Typical Characteristics

Parameter	Test Method	Typical
Appearance	Visual	Light Brown
Colour	D 1500	L 3.0 max
Sp. Gr. @ 29.5 °C, Kg/l	D 1298	To Report
K. Viscosity @ 40°C, cSt	D 445	27 to 33
Flash Point, COC, °C	D 92	180
Copper Corrosion @100 ⁰ C for 3 Hr	D 130	4 C
4 ball weld Load, Kg	IP 239	600
TAN mg/KOH/gm	D-974	0.12