



Product Bulletin

J-Cut NCL 11

Chlorine Free Cutting & Grinding Oil

Description

J-Cut NCL 11 is a transparent, medium viscosity mineral oil containing boundary lubricants and inactive sulfur to impart extreme pressure properties. It is designed primarily for CNC machining deep hole drilling, boring and trepanning on cold rolled and high alloy steels where pressurized coolant systems are used. **J-Cut NCL 11** is also suitable for high-speed hobbing and gear shaving techniques.

Performance Benefits

- High flash point, good oxidation stability and high viscosity index
- Medium viscosity is suitable for a wide range of equipment and
- Anti wear properties

Recommended Applications

- Boring
- Deep Hole Drilling
- Gear Making
- Gun Drilling
- CNC Machining

Typical Characteristics

Property	J-Cut NCL 11
Appearance	clear yellow/brown liquid
Odor	Bland
Viscosity, SUS @ 100°F	225 to 275
Chlorine	No
Sulfur	Yes
Active Sulfur	No
Boundary Lubrication	Yes