



Product Bulletin

J-Cut 21 DS

Economical Multi-Purpose Cutting Oil

Description

J-Cut 21-DS is an economical multi-purpose, non-staining chlorine-free cutting oil. **J-Cut 21-DS** contains an oiliness additive for additional performance, especially on draggy, soft metals. It gives excellent performance on light and medium duty operations on most types of steels and non-ferrous metals. This product can also be used as gear oil, hydraulic oil, and general machine oil.

Performance Benefits

- Multi-metal capabilities – Does not stain aluminum, copper, brass or bronze
- Excellent performance on hard and soft metals
- High flash point, good oxidation stability and high viscosity index
- Eliminates cross contamination of oils – one oil works for cutting, hydraulics and gears

Recommended Applications

| Metal Removing Operation | Non Difficult Sawing, Milling, Turning, Drilling, Boring | Medium Difficult Chasing, Forming, Grinding, Reaming, Tapping | Very Difficult Broaching, Form Grinding, Gear Cutting, Hobbing, Thread Grinding | Special Lapping, Honing, Thread Cutting, Deep Hole Boring, Trepanning |
|---|--|---|---|---|
| Class I Above 90% Machinability Low Carbon Steel | Yes | Yes | | |
| Class I 75 - 90% Machinability Carbon Steel | Yes | Yes | | |
| Class II 50 - 75% Machinability Alloy Steel | Yes | Yes | | |
| Class III Below 50% Machinability Special Alloy | Yes | | | |
| Class IV Above 100% Machinability Non Ferrous | Yes | Yes | | |

Typical Characteristics

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|--------------|--------------|
| Appearance | Clear liquid |
| Density @72F | 7.40 to 7.50 |
| Flash point | >350°F |