

### Neat oil for metalworking.

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| <b>DESCRIPTION &amp; APPLICATIONS</b> |
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Cutting  
Pressing  
Applied by spraying, coating rollers, drip feed or brush.

Extreme-pressure, CHLORINE-free oils specially formulated for metalworking with high lubricity, adhesion and perfect wettability to deliver excellent cooling properties. They provide very good corrosion protection at both high and low temperatures. The surface properties of these fluids ensure the optimal flow of the metal during its conversion. These fluids, produced using synthetic anti-wear and extreme-pressure additives, do not contain chlorine. Their exceptional cooling properties protect parts formed or forged at extreme temperatures, which eliminates dimensional errors, oxidation and the formation of mineral and organic deposits associated with the significant heating of workpieces. Their degree of anti-wear performance extends the service life of tools, dies and hollow punches compared with traditional oils.

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| <b>ADVANTAGES</b> |
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- Chlorine-free
- Extreme-pressure
- Adhesion
- Wettability

| Characteristics             | Standards  | Units              | Values      |       |      |
|-----------------------------|------------|--------------------|-------------|-------|------|
| Appearance / Colour         | -          | -                  | Brown Fluid |       |      |
| Grades                      | -          | -                  | 15          | 32    | 68   |
| Density at 15°C             | NFT 60-101 | kg/m <sup>3</sup>  | 875         | 904   | 915  |
| Kinematic viscosity at 40°C | NFT 60-100 | mm <sup>2</sup> /s | 15.3        | 32.4  | 68.4 |
| Characteristics             | Standards  | Units              | Values      |       |      |
| Appearance / Colour         | -          | -                  | Brown Fluid |       |      |
| Grades                      | -          | -                  | 150         | 220   |      |
| Density at 15°C             | NFT 60-101 | kg/m <sup>3</sup>  | 929         | 936   |      |
| Kinematic viscosity at 40°C | NFT 60-100 | mm <sup>2</sup> /s | 150.7       | 220.8 |      |

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

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