



Pacific Product Data Sheet

PACIFIC COOL TOOL SL

(METAL WORKING FLUID, WATER SOLUBLE)

Introduction : This oil is soluble type high quality metal cutting oil which yields rich milky emulsion with water, Special additive is mixed to ensure its complete dispersion in water. The emulsion formed is homogeneous and stable in nature and does not split during use or routine machine shut down periods under normal conditions. This oil contains rust inhibitors, which impart anti-rust and anti-corrosive properties to the emulsion. Specially selected biocide is mixed to prevent bacterial growth in the emulsion.

Application : This oil is recommended for different kind of ferrous and non-ferrous metal cutting. It is specially suitable for metal cuttings where the cooling properties are more desirable than lubricating functions. To obtain stable emulsion oil should be mixed with water and not to water with oil. The ratio of oil and water is normally 1:20 For grinding purpose the ratio of oil may be a bit higher.

Performance Benefits :

1. Has superior cooling and lubricating properties which contribute towards clean work, excellent surface finish and minimum tool wear.
2. When used as a grinding coolant, contribute towards long grinding wheel life and minimize wheel loading.
3. Providing long lasting stable emulsion.
4. Protects work-piece, machine components and tool materials from rust and corrosion.
5. Enables to obtain superior finish and accurate tolerances to the part machined.

Specifications : IS: 1115-1986 (revised 1996)

Characteristics :

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|------------------------------------|------|
| 1. Kinetic viscosity, cSt @40°C | 20 |
| 2. Flash Point COC, min.°C | 150 |
| 3. Copper Strip Corrosion @ 100°C | 1 |
| 4. Cast Iron Corrosion test, 0/1-1 | Pass |

Pack size : 210 Ltr & 20 Ltr

Precautions :

1. Keep out of reach of children.
2. Avoid contact with eyes or skin. Prolonged or repeated skin contact may cause irritation.
3. Avoid breathing vapor, mist or fumes. Use with adequate ventilation.
4. Wash thoroughly after handling.
5. Wear safety with side shields to protect eyes from metal shavings.
6. Be sure to start the flow of oil before tooling is in contact with the work.
7. Oil flow should hit the point of friction for best results.
8. Always use properly ground chasers and dies with this quality cooling lubricating to obtain sharp, clean threads without burrs.

Contact our Toll Free No. **18002122411**

*These Specifications are of a Particular Lot they can differ from lot to lot but will not effect the performance of the oil