

PTT STEELCOOL W 01

Product Description

PTT STEELCOOL W 01 is an emulsifiable cutting oil which forms a milky emulsion with water. It is produced from high quality paraffinic base oil and selected additives which provide high anti-rust performance and bacterial resistance. This product is especially suitable for cooling and lubricating for welded steel pipe manufacturing.

Benefits

- Very good cooling property, prevents spot welding of workpieces
- Excellent anti-rust and anti-corrosion properties
- Good lubrication
- Good resistance against bacteria and fungi

Applications

- Especially suitable for cooling and lubricating for welded steel pipe manufacturing
- Mix 2-5% with clean water containing water hardness less than 180 ppm

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Typical Characteristics

| Tests | Methods | Units | Results |
|-----------------------------------|-------------------|--------------------|-------------|
| Appearance | Visual Inspection | | Brown Color |
| Appearance after mixed with water | Visual Inspection | | Milky |
| Kinematic Viscosity at 40 °C | ASTM D445-11 | mm ² /s | 46.32 |
| Density at 15 °C | ASTM D4052-11 | g/cm ³ | 0.8859 |
| Nitrate/Nitrite | | | None |
| Chlorine | | | None |
| Refractometer Factor | | | 1.0 |

Maintenance

- Mix with clean water containing water hardness less than 180 ppm
- Always maintain the concentration of fluid as controlled
- Daily remove tramp oil on surface to prevent bacteria growth

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttplc.com>



PTT LUBE SOLUTIONS (02-239-7847)
Email: pttlubricants@pttplc.com



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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