



CURTIS 700
Water Soluble Drawing Fluid

Curtis 700 is a versatile water soluble oil to be used for light to medium stamping. It can be used in applications from blank washing up to difficult automotive parts. **Curtis 700** is designed to wet and coat for maximum uniformity on metal stock.

KEY PERFORMANCE BENEFITS

1. Versatile – can be used on a wide variety of operations.
2. Can be used on steel, aluminum or galvanized without rusting or staining.
3. Dries to an oily, non-tacky film.
4. Coats evenly over mill oiled surfaces.
5. Minimizes house keeping problems, because it clings to metal surface and there is no run-off. This maximizes formability and rust protection.
6. Mixes easily with water. Stable emulsion with hard water (i.e., 250-330 ppm).
7. Provides good indoor rust protection.
8. Excellent bacteria protection.
9. Easily removed with mild alkaline cleaner.

PHYSICAL AND CHEMICAL CHARACTERISTICS

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| 1. Appearance | Dark transparent oil. |
| 2. Viscosity | 325" SUS @ 100° F. |
| 3. Flash Point | 300 °F min. C.O.C.. |
| 4. Odor | Bland. |
| 5. Specific Gravity | 0.92 |
| 6. pH | 8.4 (@ 10% solution). |
| 7. Rust Protection | Very good indoor; passes cast iron chip test @ 5 %. |
| 8. Foam | Low, < 4 mm after 1 minute (EMCO shake test). |
| 9. Toxicity | Contains no heavy metals or materials hazardous to health or environment. |

MIXING

Add oil to water while maintaining agitation. Light to medium stamping 8 to 20 parts water to one part oil. Blank washing 10 to 25 parts water to one part oil.

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