

PAROIL X140

Very Long Chain Chlorinated Alkane Extreme Pressure Additive

Paroil X140 is a very long chain stabilized chlorinated alkane. Paroil X140 is typically preferred for drawing and stamping applications and offers excellent performance in aluminum machining. Paroil X140's high viscosity gives additional lubricity, body and tenacity to lubricant films. It can be used in conjunction with other chain length products. Paroil X140 selection and use requirements are typically determined by required chlorine level, viscosity requirements, and solubility considerations

Recommended staring guidelines are:

| | <u>% Weight</u> |
|-------------------------------------|-----------------|
| Straight Oil (Machining) | 2-10 |
| Straight Oil (Drawing and Stamping) | 20-70 |
| Soluble Oil (Machining) | 10-20 |
| Soluble Oil (Drawing and Stamping) | >20 |

Paroil X140 may be stored in an original container or bulk storage tank at 40-100°F. Exposure to 0°F for an extended period will cause significant viscosity increases. Blending should not exceed 130°F. Prolonged exposure to temperatures in excess of 100°F may result in darkening of product and release of corrosive byproducts.

Paroil X140 contains no substances subjected to reporting requirements (of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372).

Paroil X140 can be modified into the **300 Series Line corrosion inhibited formulas** to eliminate or significantly reduce stain and corrosion occurrence in high humidity and temperature environments.

TYPICAL PROPERTIES

| Property | Typical Result |
|---|----------------|
| Chlorine, % | 41 |
| Specific Gravity | 1.15 |
| Density (lb/gal) | 9.6 |
| Viscosity @ 210°F, SUS | 150 |
| Viscosity @ 77°F, Poise | 29 |
| Color, Gardner | 1 |
| Stability, JQD (%HCl, 4 hrs, @ 175° C) | 0.8 |

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