

INKER 60

Naphthenic Ink Oil

This severely hydrotreated naphthenic printing ink oil has a low odor level, and good solvency and volatility.

| TEST DESCRIPTION | | TEST METHOD | SPECIFICATIONS | | MARKETING VALUES |
|-------------------------------------|------------------------------------|-------------|----------------|-------------|------------------|
| | | | Min | Max | |
| Physical Properties | | | | | |
| 1 | Viscosity, SUS at 100°F(37.8°C) | ASTM D 445 | 50.0 | 65.0 | 59.5 |
| 2 | Viscosity, SUS at 210°F(98.9°C) | ASTM D 445 | | | 34.0 |
| 3 | Viscosity, cSt at 40°C(104°F) | ASTM D 341 | | 12.0 | 9.4 |
| 4 | Viscosity, cSt at 100°C(212°F) | ASTM D 341 | | 3.0 | 2.3 |
| 5 | API Gravity, 60°F(15.6°C) | ASTM D 1250 | | | 28.1 |
| 6 | Specific Gravity, 60°F(15.6°C) | ASTM D 4052 | | | 0.8866 |
| 7 | Viscosity- Gravity Constant | ASTM D 2501 | | | 0.8576 |
| 8 | Density, lbs/gal at 60°F | ASTM D 1250 | | | 7.383 |
| 9 | Molecular Weight | ASTM D 2502 | | | 265 |
| 10 | Flash Point, COC, °F(°C) | ASTM D 92 | 295(146) | | 310(154) |
| 11 | Color, ASTM | ASTM D 6045 | | 0.5 | L0.5 |
| 12 | Pour Point, °F(°C) | ASTM D 5949 | | -45(-43) | -80(-62) |
| 13 | Water Content | ERTM-1 | PASS | | PASS |
| 14 | Appearance | ERTM-2 | PASS | | PASS |
| Chemical Properties | | | | | |
| 1 | Aniline Point, °F(°C) | ASTM D 611 | 160.0(71.1) | 180.0(82.2) | 167.0(75.0) |
| Health and Safety Properties | | | | | |
| 1 | Polycyclic Aromatic Compounds, wt% | IP 346 | | 3 | <3 |
| 2 | Modified Ames Assay | ASTM E 1687 | PASS | | PASS |

Disclaimer: It makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.