

HF DISTILLATES

**PROCESS OIL OR HIGH
FLASH SOLVENT**



TOTAL

Low-aromatics, high-flash distillate

APPLICATIONS

**Ink compounding and
drilling mud**

**Process oil or blend
stock**

- **HF DISTILLATES** are low toxicity high-flash fluids which are intermediate between lubricant base oils and most solvents. Their compositional makeup is suitable for the oil drilling industry (drilling mud) or ink industry (ink component). It has very low aromatics content and a high flash point. **HF DISTILLATE L** and **HF DISTILLATE 240** are similar in viscosity to diesel fuel and can be used as an environmentally-friendly substitute for diesel fuel.
- **HF DISTILLATE** may also be used as a process oil or as base stock for compounding very light viscosity fluids or greases for high speed spindles

CUSTOMER BENEFITS

**Low viscosity, high flash
and environmentally
suitable**

- Extremely low aromatic content
- High dielectric strength
- Water white in color
- High flash point

CHARACTERISTICS

| TYPICAL CHARACTERISTICS—HF DISTILLATES | | | |
|--|-----------|-----------|-----------|
| Grade | L | 240 | 275 |
| Specific gravity @ 60/60°F ASTM D 1298 | 0.784 | 0.795 | 0.810 |
| API Gravity ASTM D 1298 | 48.9 | 46.5 | 43.3 |
| Density, lbs./gal ASTM D 1298 | 6.53 | 6.62 | 6.74 |
| Viscosity @ 40°C, cSt ASTM D 445 | 1.72 | 2.25 | 3.82 |
| Color, Saybolt ASTM D 156 | +30 | +30 | +30 |
| Aromatics content, volume percent | <0.01 | <0.2 | <0.2 |
| Flash point, PMCC °F (°C) ASTM D 93 | 189 (87) | - | - |
| Flash point, COC °F (°C) ASTM D 92 | - | 240 (116) | 275 (135) |
| Distillation, °F (°C), ASTM D 86 | | | |
| Initial boiling point | 421 (216) | 453 (233) | 506 (263) |
| 50% point | 433 (223) | 470 (243) | 555 (291) |
| Dry point | 460 (238) | 495 (257) | 605 (318) |

TOTAL Lubricants USA Southwest

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HF Distillate Series
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