

PROCESS OIL N



LUBRICATION



TOTAL

Naphthenic Process Oils.

APPLICATIONS

- **PROCESS OIL N** oils are premium quality lubricating oils used as process oils in a variety of industries. They are available in a wide range of viscosities to meet industrial equipment lubrication needs. They are made from specially selected, hydrotreated, naphthenic base stocks which exhibit low to medium viscosity.
- **PROCESS OIL N** oils are primarily used as process oils in a variety of industries: rubber, plastics, textiles, processing hides or skins, and the manufacture of printing inks. They can also be used as anti-clumping agents, anti-dust agents, and flushing agents.

ADVANTAGES

- Medium to low natural viscosity index.
- High aniline point for excellent solubility.
- Perfectly suitable for blending.
- Narrow distillation range.
- Bright and clear.
- Good lubricity.
- Non-staining.

| TYPICAL CHARACTERISTICS | METHODS | PROCESS OIL N | | | |
|-----------------------------|-------------|---------------|-----------|-----------|------------|
| ISO Viscosity Grade | | 10 | 22 | 32 | 150 |
| Color | ASTM D 1500 | L0.5 | L0.5 | L1.0 | L2.0 |
| Viscosity at 40°C, cSt | ASTM D 445 | 9.6 | 20.7 | 29.9 | 147.0 |
| Viscosity at 100°C, cSt | ASTM D 445 | 2.4 | 3.55 | 4.49 | 9.8 |
| Viscosity Index | ASTM D 2272 | - | 39 | 24 | 0 |
| Density @ 60 °F, lbs./gal. | ASTM D 1298 | 7.40 | 7.58 | 7.60 | 7.76 |
| Specific Gravity @ 60/60 °F | ASTM D 1298 | 0.888 | 0.910 | 0.913 | 0.932 |
| Flash Point, COC, °F (°C) | ASTM D 92 | 300 (149) | 385 (196) | 395 (201) | 400 (204) |
| Pour Point, °F (°C) | ASTM D 97 | -70 (-57) | -45 (-43) | -38 (-39) | 0 (-18) |
| Aniline Point, °F (°C) | ASTM D 611 | 160(71) | 163(73) | 167(75) | 179(82) |

TOTAL Lubricants USA, Inc.

PROCESS OIL N series

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5 North Stiles Street
Linden, New Jersey 07036
908.862.9300 or 800.323.3198
www.totallubricantsusa.com