

Synfluid PAO 代表性状



| Physico-Chemical Typicals | 2 cSt | 2.5 cSt | 4 cSt | 5 cSt | 6 cSt | 7 cSt |
|--|---------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|
| Boiling Point, °C (°F), at atmospheric pressure unless otherwise noted | 55 (131) @ 10 mm Hg | 277 (531) | 414 (778) | 402 (756) | 419 (786) | 425 (798) |
| Pour Point, °C (°F) | -73 (-100) | -52 (-62) | -69 (-92) | -42 (-47) | -61 (-78) | -42 (-44) |
| Flash Point (COC), °C (°F) | 161 (322) | 185 (365) | 226 (476) | 245 (473) | 246 (475) | 262 (504) |
| Fire Point (COC), °C (°F) | 178 (352) | 213 (416) | 254 (489) | 292 (558) | 275 (527) | 292 (558) |
| Volatility, Noack, wt% | ----- | ----- | 13 | 5.8 | 6.3 | 3.3 |
| Specific Gravity, 15.6°/15.6°C | 0.798 | 0.808 | 0.819 | 0.824 | 0.827 | 0.830 |
| Density, lb/gal | 6.66 | 6.73 | 6.83 | 6.88 | 6.90 | 6.93 |
| Kinematic Viscosity, cSt | | | | | | |
| 100°C (212°F) | 1.7 | 2.4 | 3.9 | 5.1 | 6.8 | 6.95 |
| 40°C (104°F) | 6.1 | 8.2 | 16.8 | 24.6 | 30.5 | 37.5 |
| -40°C (-40°F) | 255 | 1811 | 2432 | 4830 | 7749 | 10506 |
| -54°C (-65°F) | 1200 | ----- | ----- | ----- | ----- | ----- |
| Viscosity Index | ----- | ----- | 124 | 144 | 138 | 148 |
| Vapor Pressure, (ASTM D2879) | <1 mm Hg @ 76 °C | <1.2 mm Hg @ 150 °C | 1.7 mm Hg @ 177 °C | <1.6 mm Hg @ 232 °C | 0.7 mm Hg @ 149 °C | 0.3 mm Hg @ 121 °C |
| Vapor Density, (Air=1) | 9.0 | 10 | ----- | ----- | ----- | ----- |
| Autoignition, °C (°F) | 324 (615) | 324 (615) | 343 (650) | 351 (664) | 354 (670) | 380 (716) |
| NFPA Rating, (Health, Flammability, Reactivity) | 1,1,0 | 1,1,0 | 0,1,0 | 0,1,0 | 0,1,0 | 0,1,0 |

| Physico-Chemical Typicals | 8 cSt | 9 cSt |
|--|-----------------------|------------------------|
| Boiling Point, °C (°F), at atmospheric pressure unless otherwise noted | 430 (806) | 452 (846) |
| Pour Point, °C (°F) | -55 (-67) | -36 (-33) |
| Flash Point (COC), °C (°F) | 264 (507) | 277 (531) |
| Fire Point (COC), °C (°F) | 285 (563) | 305 (581) |
| Volatility, Noack, wt% | 3.0 | 2.1 |
| Specific Gravity, 15.6°/15.6°C | 0.832 | 0.834 |
| Density, lb/gal | 6.94 | 6.96 |
| Kinematic Viscosity, cSt | | |
| 100°C (212°F) | 7.8 | 9.0 |
| 40°C (104°F) | 46.7 | 54.2 |
| -40°C (-40°F) | 19877 | ----- |
| -54°C (-65°F) | ----- | ----- |
| Viscosity Index | 137 | 146 |
| Vapor Pressure (ASTM D2879) | 0.1 mm Hg @ 232 °C | 0.29 mm Hg @ 149 °C |
| Vapor Density, (Air=1) | ----- | ----- |
| Autoignition, °C (°F) | 369 (695) | 388 (730) |
| NFPA Rating, (Health, Flammability, Reactivity) | 0,1,0 | 0,1,0 |