

PAO-4 Reagent

ATI also offers PAO-4, a four-centistokes PAO (Chemical Abstract System ID 68037-01-4). This reagent offers a U.S. Food & Drug Administration-approved alternative to DOP in FDA-regulated filter leakage testing applications. PAO is approved by the U.S. Army Surgeon General and is used by the United States military as a substitute for DOP in their filter and mask testing processes.

ATI Oil Aerosol Reagents are available in both 1 gallon and 5 gallon containers. Larger volumes may be available upon request.

Product Specifications

| PAO-4 | |
|-------------------------|-----------------------------------|
| Boiling Point | >316 °C (600 °F) |
| Specific Gravity | 0.819 @ 15.5 °C (60 °F) |
| Vapor Pressure | <0.013 kPa (0.1 mm Hg) at 20 °C |
| Vapor Density | N/A |
| Solubility in Water | Insoluble |
| Appearance / Odor | Colorless, odorless liquid |
| Freezing Point | N/A |
| pH at 5% | N/A |
| Flash Point | 222 °C (432 °F) |
| Method Used | Cleveland open cup |
| Flammable Limits in Air | N/A - UEL: N/A LEL: N/A |
| Auto-Ignition Temp | 343 °C (649 °F) |
| Viscosity | 18 cSt at 40 °C / 4 cSt at 100 °C |