



CLEANROOM MANAGEMENT INTERNATIONAL

We care for your compliance



Air Techniques
INTERNATIONAL



Oil Aerosol Reagents



ATI offers the highest quality, industry-standard oil reagents for use in conjunction with oil aerosol generators. Our reagents are used for in situ leakage testing and production quality control efficiency testing of high efficiency air filters. ATI oil aerosol reagent products are suitable for government, nuclear, and FDA-regulated testing applications.



OIL AEROSOL REAGENTS

A Grade Above

ATI offers the highest quality, industry-standard oil reagents for use in conjunction with oil aerosol generators. Our reagents are used for in situ leakage testing and production quality control efficiency testing of high efficiency air filters. ATI oil aerosol reagent products are suitable for government, nuclear, and FDA-regulated testing applications.

A Choice of Reagents

ATI offers both DOP (Di-2-ethyl hexyl phthalate/DEHP) and PAO-4 (poly-alpha olefin) reagents for use in filter testing applications.

PRODUCT SPECIFICATIONS

	DOP	PAO-4
Boiling Point	446°F @ 1mm Hg	754°F
Specific Gravity	0.983 @ 77°F	0.819 @ 60°F
Vapor Pressure	< 1.2mm Hg @ 392°F	N/A
Vapor Density	13.5 (air=1)	N/A
Solubility in Water	Insoluble	Insoluble
Appearance / Odor	Clear liquid, mild odor	Colorless, odorless liquid
Freezing Point	N/A	N/A
pH at 5%	N/A	N/A
Flash Point	420°F	432°F
Method Used	Cleveland open cup	Cleveland open cup
Flammable Limits in Air	N/A	N/A
Auto-Ignition Temp	UEL: N/A LEL: 0.3% @ 474°F	UEL: N/A LEL: N/A

DOP Reagent

ATI products include DOP-based reagents (Chemical Abstract System ID 117-81-7) commonly used in U.S. Department of Energy testing and NIOSH respirator cartridge developmental and quality assurance testing.

PAO-4 Reagent

ATI also offers four-centistoke PAO. These reagents offer 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.

Product Configuration

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



Service & Training @ ATI

- OEM calibration, maintenance & repair
- ATI Certified Operational, Service & Maintenance Training (Contact Us)
- Quality testing for HEPA filters & protective masks available at our ISO-9001 registered, NQA-1 & DOE compliant Test Laboratory



CMI BELGIUM

Avenue de Ramelot 3
B - 1480 Saintes (Sint Renelde)
Tel : +32 (0)2 531 11 21
info@cmitest.com

CMI THE NETHERLANDS

Luchthavenweg 81
NL - 5657 EA Eindhoven
Tel : +31 (0)402 88 87 57
info@cmitest.com

CMI FRANCE

Ecoparc d'Affaires
F- 41210 Neung-sur-Beuvron
Tel : +33 (0)2 54 95 70 95
info@cmitest.com

Agence Rhône Alpes :
F- 26160 La Bégude-de-Mazenc
Tel : +33 (0)4 75 54 57 26



www.cmitest.com