

DuPont™ Essential AT and ATA Ambient Temperature Greases

PRODUCT INFORMATION

DuPont™ Essential PFPE oils are clear, colorless, fluorinated Synthetic oils that are nonreactive, nonflammable, and long-lasting. They are completely safe in chemical service, including acids, chlorine and oxygen. DuPont™ Essential oil is a perfluoropolyether (PFPE)—also called perfluoroalkylether (PFAE) or perfluoropolyalkylether (PFPAE) oil. Greases are made using PTFE as a thickener. The greases are clean, white, and non-staining.

These greases have been formulated for use in cold to ambient conditions. The DuPont™ Essential AT grease has no additives and is recommended for use as a valve and a seal lubricant for O-rings and as a valve packing. The DuPont™ Essential ATA grease contains an anti-rust additive and is recommended for use in bearings with relubrication.

DuPont Performance Lubricants

Extreme conditions. Extreme performance.

For more information or for technical assistance,

| DuPont™ Essential Grease Properties | | |
|---|---|---|
| | DuPont™ Essential ATA | DuPont™ Essential AT |
| Anticorrosion preventive | Yes | No |
| Base oil viscosity, 40 °C (104 °F), cSt | 18.7 | 18.7 |
| NLGI penetration grade | 2 | 2 |
| Oil separation, 99 °C (210 °F), % | 12 | 12 |
| Volatility, 66 °C (150 °F), % | 9 | 9 |
| Volatility, 121 °C (250 °F), % | 35 | 35 |
| Useful temperature range | From -51 °C (-60 °F) Bearings to 104 °C (220 °F) with relubrication/valves and seals to 121 °C (250 °F) | From -51 °C (-60 °F) Bearings to 104 °C (220 °F) with relubrication/valves and seals to 121 °C (250 °F) |
| Base oil density | 1.9 g/mL | 1.9 g/mL |

Typical properties. Not for specifications.



TMC Industries, Inc.
1423 Mill Lane, Waconia, MN 55387
800-772-8179 / 952-442-1140
sales@tmcindustries.com
www.tmcindustries.com



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