

DuPont™ Krytox® NRT Series Lubricants for Reactive Gas Service

PRODUCT INFORMATION

DuPont™ Krytox® NRT oils and greases have been specifically developed for reactive gas applications.

The NRT series is a part of the DuPont Performance Lubricants family of Krytox® offerings. Krytox® perfluoropolyether (PFPE) oils are based on poly(hexafluoropropylene oxide), the most thermally stable of all PFPE oils. Krytox® PFPE oils are inert in oxygen and can not burn or support combustion. Krytox® oils are differentiated by viscosity or vapor pressure performance, but these factors do not affect the oxygen stability of the oil.

Krytox® greases in the NRT series have been specially formulated for reactive gas service. With Krytox® base oil, the NRT greases have special thickeners and additives for use with reactive gas or chemical applications.

Several of the Krytox® NRT greases are thickened with a DuPont polytetrafluoroethylene (PTFE) thickener. Because Krytox® oil and the PTFE thickener are fully fluorinated, they will not oxidize under extreme thermal conditions. The NRT series also includes greases containing inorganic thickeners, especially useful for high pressure oxygen applications.

All Krytox® NRT oils and greases have been tested by West German Federal Institute for Materials Testing (BAM).

DuPont lubricants have been used in oxygen and reactive gas service for decades. Krytox® lubricants have been independently tested by organizations including BOC, Air Liquide, NASA, General Dynamics, and Praxair, and proven acceptable for oxygen and other reactive chemical compatibility

DuPont™ Krytox® NRT BAM Ratings, <60°C

Product	BAM Rating (bar)
Krytox® NRT 8908	350
Krytox® NRT 8906A	80
Krytox® NRT 8950	180
Krytox® NRT 8990	80
Krytox® NRT 8900	70
Krytox® NRT 8904	70
Krytox® NRT 8906	70
Krytox® NRT PLSS	60
Krytox® NRT 8805	130
Vydux® NRT 960	30

DuPont Performance Lubricants

Extreme conditions. Extreme performance.

For more information or for technical assistance, please call **1-800-424-7502** or contact us at krytox@usa.dupont.com

For international sales and support contacts, visit us at www.lubricants.dupont.com

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