

DuPont™ Krytox® AUT 1045

EXTREME CONDITIONS. EXTREME PERFORMANCE.

The DuPont™ Krytox® AUT Series is a line of products designed to address the automotive industry's need for lubricants that combine efficiency and performance at both low and high temperatures. All grades in the AUT Series are based on Krytox® AUT 1045, an ISO 100-grade perfluoropolyether (PFPE) oil. Krytox® AUT 1045 should be considered for any automotive application requiring the use of an oil, from bearings and small plastic gear boxes to NVH solutions.

Developed to fill the gap between Krytox® GPL 104 and Krytox® GPL 105 — delivering low temperature starting performance while maintaining efficacy at higher operating temperatures — Krytox® AUT 1045 oil can increase the service life of critical components, allowing automotive manufacturers to extend warranties and improve productivity by reducing component failure.

Characteristics of DuPont™ Krytox®

DuPont™ Krytox® oils and greases are based on perfluoropolyether (PFPE) oils. These synthetic fluorinated lubricants are used in extreme conditions such as continuous high temperatures up to 288°C (550°F) and higher temperatures for shorter periods, depending on product grade limits.

Chemically inert and safe for use around hazardous chemicals, these lubricants are nonflammable and are also safe for use in oxygen service. Krytox® oils and greases do not damage plastics or elastomers, nor cause corrosion to metals.

Krytox® oils and greases are silicone free. They do not contain any VOC materials or chlorine and are not hazardous to the atmosphere or ozone layer. They are biologically and environmentally inert. They are commonly used as lubricants in aerospace, automotive, industrial and semiconductor applications as well as in solving many other routine lubrication problems.

Typical Properties of Krytox® AUT 1045 Oil

ISO Grade	100
Density, 50°C	1.84
Estimated Useful Temperature Range	-40°C to 200°C -40°F to 392°F
Oil Viscosity, cSt	
40°C	100
100°C	12.5
Pour Point	-41°C (-42°F)

For more information or technical assistance, call: (800) 424-7502

United States (800) 424-7502
E-mail: krytox@usa.dupont.com

Canada (800) 387-2122
E-mail: products@can.dupont.com

Europe, Mideast, and Africa +41 22 717 5086
E-mail: lubricants@lux.dupont.com

Asia/Pacific — Including India — +886-2-2514-4405
E-mail: krytox.lubricants@sgp.dupont.com

Mexico and Central America +011 52 55 5722 1150
E-mail: ceac@mex.dupont.com

South America — All Countries — 55 11 4166 8601
E-mail: produtos.brasil@bra.dupont.com

www.krytox.com

Copyright © 2008 DuPont. The DuPont Oval Logo, DuPont™, The miracles of science™ and Krytox® are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. All rights reserved.

K-20054 (11/08) Printed in the U.S.A.

The information set forth herein is furnished free of charge and based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.



The miracles of science™