

GREASES

SYNTHETIC-BASED

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Aeroplex 444	Extended life grease	BMS 3-34A
Aeroplex AI	Aircraft gear and actuator grease	MIL-PRF-23827C
Aeroplex PV	Plug valve grease; gas and oil-resistant	SAE AMS-G-6032
Braycote 610	General purpose grease	MIL-PRF-10924G
Braycote 622	Wide temperature range aircraft grease	MIL-PRF-81322G-Grade 2, DOD-G-24508A, Amd 4
Braycote 868	Molybdenum disulfide anti-seize compound	DOD-L-25681D
Braycote 3214	Multi-purpose high-temperature full synthetic grease	MIL-PRF-32014A

PERFLUOROETHER-BASED

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Braycote 806	Wide temperature range, chemically inert, LOX/GOX compatible	MIL-PRF-27617, Type III

TURBINE OILS

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Castrol 98	7.5 cSt synthetic gas turbine oil	DEF Stan 91-98/2
Castrol 778	Gas turbine oil and hydraulic fluid, synthetic hydrocarbon (PAO)-based	Solar ES9-224G and GEK 32568E
Castrol 399	3 cSt synthetic gas turbine oil	MIL-PRF-7808L, (Grade 3)
Castrol 5000	5 cSt standard grade synthetic gas turbine oil	MIL-PRF-23699F (STD)
Castrol Aero Jet 5	5 cSt corrosion-inhibiting synthetic gas turbine oil	MIL-PRF-23699F (C/I)
Brayco 460	Petroleum-based turbine oil	MIL-PRF-6081D, Gr 1010

SPECIALTY AVIATION FLUIDS

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Brayco 885	Diester-based, low volatility aircraft instrument fluid	MIL-PRF-6085D
Brayco Micronic 889	Synthetic hydrocarbon heat transfer/dielectric coolant	MIL-PRF-87252C
Brayco 922	Calibrating fluid for aircraft fuel system components	MIL-PRF-7024E, Type II

Castrol Industrial North America Inc.
Industrial Lubricants & Services
150 West Warrenville Road
605-3W
Naperville, IL 60563
USA

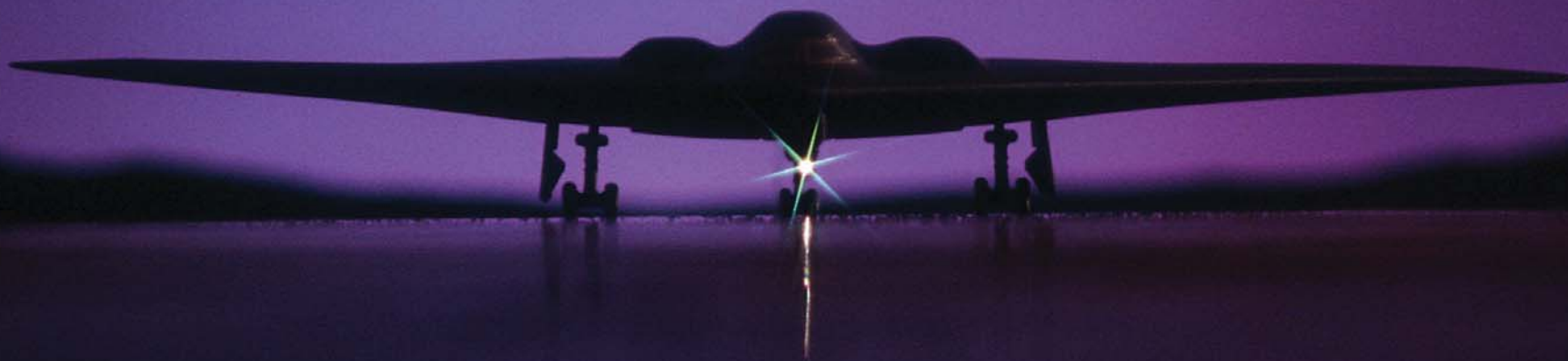
Telephone: 877 641 1600
Fax: 877 648 9801
Email: rdgbinternetfeedbk@bp.com

www.castrol.com/industrial

Castrol, the Castrol logo, Brayco, Braycote, Aero and Aeroplex are trademarks of Castrol Limited, used under license.



LUBRICANTS



AVIATION SPECIALTY PRODUCTS

YOUR ADVANTAGE IN AN INDUSTRIAL WORLD



A close-up photograph of a complex aircraft engine component, likely a landing gear strut or shock absorber, showing various metal parts, bolts, and a central shaft. The lighting is dramatic, highlighting the metallic textures and the intricate design of the machinery.

THE EXPERTS IN AVIATION LUBRICANT TECHNOLOGY

**CASTROL BRINGS YOU A
COMPREHENSIVE RANGE OF
WORLD-CLASS LUBRICANTS
AND PRODUCT SUPPORT
SERVICES TO MEET THE
DEMANDS OF THE AVIATION
INDUSTRY.**

The world of aviation encompasses a wide range of applications, including airframe assemblies, landing gear systems, shock struts, avionics and propulsion systems that require lubrication. At Castrol, we understand these applications demand rigorous safety and reliability—and we can help meet those demands with our quality performance lubricants. Castrol products have an impressive record of delivering high performance in critical environments over the last 87 years. For example, the top-secret SR-71 Blackbird used Brayco hydraulic fluids and Castrol's synthetic turbine oil provided lubrication for the world's first supersonic land vehicle, the ThrustSSC.

Castrol is proud to bring its reputation for high-performance to the commercial aviation, maintenance repair and overhaul (MRO) industries.

The Castrol Aviation Specialty Product range covers an array of applications such as corrosion preventives, greases, hydraulic fluids, turbine oils and calibration fluids. Castrol was the first to successfully lubricate a jet engine, the first to develop a corrosion inhibited jet turbine oil, the first to lubricate a cabin supercharger and would like to be the first to meet your application needs.

CORROSION PREVENTIVES

PRESERVATIVES AND GENERAL

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Brayco 300	Oily, transparent, water-displacing film	MIL-PRF-32033 (formerly VV-L-800C)
Brayco 363	Oily, transparent film	MIL-PRF-7870C
Braycote 194	Dark brown, non-tacky, transparent film	MIL-PRF-16173 E, Class 1, Grade 4
Braycote 236	Reddish-brown, soft, translucent coating	VV-P-236A
Braycote 248	Amber, soft, transparent, grease-like film	MIL-C-11796C, Class 3

FOR AIRCRAFT ENGINES

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Brayco 481	Low viscosity concentrate oil with antioxidants and corrosion preventives	MIL-C-6529C, Type I
Brayco 589	Corrosion preventive oil for gas turbines using synthetic lubricants	MIL-PRF-8188D
Brayco 599	Concentrate product for addition into MIL-PRF-23699 lubricants	GE D50TF6-S1
Brayco 785	Corrosion preventative for aircraft engines	Solar ES9-248-1A

**QUALITY AND RELIABILITY
FROM START TO FINISH**

HYDRAULIC FLUIDS

PETROLEUM-BASED

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Brayco 717	Power transmission fluid for hydraulic drives	Meets the requirements of MIL-DTL-17111C
Brayco 795	Low viscosity hydraulic fluid	n/a
Brayco Micronic 756	Aircraft hydraulic fluid (red)	MIL-PRF-5606H
Brayco Micronic 776RP	Medium viscosity hydraulic fluid	n/a
Brayco Micronic 783	Amber, soft, transparent, grease-like film	MIL-PRF-6083F
Aero 35 Red	High-quality, mineral-based landing gear shock strut fluid	DPM 6177
Aero 35 Yellow	High-quality, mineral-based landing gear shock strut fluid	BMS 3-32A, Type I
Aero 40	High-quality, mineral-based landing gear shock strut fluid	BMS 3-32A, Type II
Aero 40 Red	High-quality, mineral-based landing gear shock strut fluid	DPM 6176

SYNTHETIC-BASED

PRODUCT RANGE	DESCRIPTION	SPECIFICATIONS
Brayco Micronic 881	Synthetic hydrocarbon base fluid, fire-resistant	MIL-PRF-87257B
Brayco Micronic 882	Hydraulic fluid, fire-resistant	MIL-PRF-83282D, Amd 1
Brayco Micronic 883	Hydraulic fluid, fire-resistant	MIL-PRF-46170D, Type I
Brayco Micronic 883 Red	Hydraulic fluid, fire-resistant	MIL-PRF-46170D, Type II