



# AeroShell Lubricants

**Boeing Distribution Services offers  
a full range of AeroShell products**

Global Services

# AeroShell Lubricants

## Boeing Distribution Services is an authorized distributor of Shell Aviation products.

We offer the full range of AeroShell lubricants including AeroShell Greases, AeroShell Fluids, AeroShell Turbine Engine Oils and AeroShell Piston Engine Oils. AeroShell products have been manufactured to comply with industry specifications to meet the high demands of commercial, military and general aviation segments.

### AeroShell Greases

- AeroShell Grease 5
- AeroShell Grease 6
- AeroShell Grease 7
- AeroShell Grease 14
- AeroShell Grease 22
- AeroShell Grease 33
- AeroShell Grease 58
- AeroShell Grease 64

### AeroShell Fluids

#### Hydraulic Fluids

- AeroShell Fluid 31
- AeroShell Fluid 41
- AeroShell Fluid 61
- AeroShell LGF

#### Specialist Fluids

- AeroShell Fluid 3
- AeroShell Fluid 12
- AeroShell Fluid S.8350
- AeroShell Calib. Fluid 2
- AeroShell Comp. 07

### AeroShell Turbine Engine Oils

- AeroShell Turbine Oil 2
- AeroShell Turbine Oil 3
- AeroShell Turbine Oil 308
- AeroShell Turbine Oil 500
- AeroShell Turbine Oil 555
- AeroShell Turbine Oil 560
- AeroShell Turbine Oil 750
- AeroShell Ascender

### AeroShell Piston Engine Oils

- AeroShell Oil 80
- AeroShell Oil W 80
- AeroShell Oil W 80 Plus
- AeroShell Oil 100
- AeroShell Oil W 100
- AeroShell Oil W 100 Plus
- AeroShell Oil 120
- AeroShell Oil W 120
- AeroShell Oil W 15W-50
- AeroShell Oil Diesel Ultra
- AeroShell Oil Sport Plus 4
- AeroShell Smoke Oil



Contact Boeing Distribution Services for all of your AeroShell requirements at [AeroShell@BoeingDistribution.com](mailto:AeroShell@BoeingDistribution.com) or go to [BoeingDistribution.com](http://BoeingDistribution.com)

# AeroShell Greases

The AeroShell Grease range includes advanced multipurpose products and specialist greases with additives. Benefits include high-load carrying capacity, extreme temperature protection and corrosion-inhibition.

## General Purpose Airframe Greases



**AeroShell Grease 6**  
MIL-PRF-24139A



**AeroShell Grease 7**  
MIL-PRF-23827C (Type 2)



**AeroShell Grease 33**  
MIL-PRF-23827C (Type 1)  
BMS 3-33C  
AIMS 09-06-002  
SAE AMS 3052

## Wheel Bearing Greases



**AeroShell Grease 22**  
MIL-PRF-81322G  
DOD-G-24508A



**AeroShell Grease 58**  
SAE-AMS-3058

## Other Specialized Greases



**AeroShell Grease 14**  
MIL-G-25537C



**AeroShell Grease 64**  
MIL-G-21164D

# AeroShell Fluids

AeroShell Hydraulic are fluids designed to protect aircraft hydraulic systems. These products include:

- Fire-resistant and super-clean fluids for enhanced reliability
- Extreme-pressure fluids designed to protect landing gear shock struts from wear
- Specialist preserving fluids for hydraulic system components in storage

AeroShell specialty fluid offerings also include high-quality preservatives, calibration fluids, de-icing and avionic cooling fluids as well as lubricating and gearbox oils.

## Landing Gear Hydraulic Fluids



**AeroShell Fluid 31**  
MIL-PRF-83282D



**AeroShell Fluid 41**  
MIL-PRF-5606J



**AeroShell Fluid 61**  
MIL-PRF-46170E



**AeroShell Landing Gear Fluid (LGF)**  
BMS 3-32 C Type 2

## Preservation Additives and Oils



**AeroShell Turbine Oil 2**  
MIL-PRF-6081E Grade 1010 & 1010N



**AeroShell Turbine Oil 3**  
DEF STAN 91-99



## Specialist Fluids



**AeroShell Fluid 3**  
MIL-PRF-7870E



**AeroShell Calibrating Fluid 2**  
MIL-PRF-7024F Type II



**AeroShell Fluid 12**  
MIL-PRF-6085E



**AeroShell Compound 07**  
DTD 406B



**AeroShell Fluid S.8350**  
OEP 215

# AeroShell Turbine Engine Oils

AeroShell offers a complete range of Turbine Engine Oils, from mineral oil formulations through leading-edge, fully synthetic hindered esters. AeroShell Turbine Oils (ASTO) have demonstrated their flexibility for use both inside and outside today's hostile turbine engine environment.

## Synthetic Turbine Engine Oils



### AeroShell Ascender

SAE AS5780B HPC  
Grade HPC  
MIL-PRF-23699G Grade HTS

Approved by R-R Trent Series (except Trent XWB -97k) and GENx Series



### AeroShell Turbine Oil 390

DEF STAN 91-94

Analogue to IPM-10, VNII NP 50-1 4f and 4u, and 36Ku-A; Approved by all Pratt & Whitney AeroPower and Honeywell APUs



### AeroShell Turbine Oil 500

SAE AS5780D Grade SPC  
MIL-PRF-23699G Grade STD  
DEF STAN 91-101  
Grade OX-27



### AeroShell Turbine Oil 750

DEF STAN 91-98



### AeroShell Turbine Oil 555

DOD-PRF-85734A

Approved by Agusta, Bell Helicopter Textron, BoeingVertol, Eurocopter, McDonnell Douglas, MBB, Sikorsky, Westland Helicopters and others

## Mineral Turbine Engine Oils



### AeroShell Turbine Oil 2

MIL-PRF-6081E Grade 1010 & 1010N



### AeroShell Turbine Oil 560

SAE AS5708D Grade SPC  
MIL-PRF-23699G Grade HTS

Approved by CFM56, V2500, GE90, GENx and others



### AeroShell Turbine Oil 3

DEF STAN 91-99



### AeroShell Turbine Oil 308

MIL-PRF-7808L Grade 3

# AeroShell Piston Engine Oils

AeroShell Piston Engine Oils meet particular demands of each aircraft piston engines.

Whether the power plant is air- or liquid-cooled; two- or four-stroke; geared or direct drive; gasoline or diesel fueled; or carbureted, fuel injected or turbocharged, there is an AeroShell oil specially formulated to look after each engine. All the AeroShell range of Piston Engine Oils are fully approved to the appropriate specifications.

## Multi-Grade Piston Engine Oil



### AeroShell Oil W15W50

SAE J 1899 Grade Multigrade

Textron Lycoming 301F – SB 446E & 471B, SI 1409C. Continental Aerospace Technologies MHS-24B – SIL 99-2. Pratt & Whitney – Service Bulletin 1183. AMOC to FAA Airworthiness Directive 80-04-03 R2 p.1b

## Single-Grade Ashless Dispersant Working Oils



### AeroShell Oil W80

SAE J 1899 Grade 40

## Single Grade Ashless Dispersant Working Oils



### AeroShell Oil W80 Plus

SAE J 1899 Grade 40

Textron Lycoming 301F – SB 446E & 471B, SI 1409C. Continental Aerospace Technologies MHS-24B – SIL 99-2. Pratt & Whitney – Service Bulletin 1183. AMOC to FAA Airworthiness Directive 80-04-03 R2 p.1b



### AeroShell Oil W100

SAE J 1899 Grade 50



### AeroShell Oil W100 Plus

SAE J 1899 Grade 50

Textron Lycoming 301F – SB 446E & 471B, SI 1409C. Continental Aerospace Technologies MHS-24B – SIL 99-2. Pratt & Whitney – Service Bulletin 1183. AMOC to FAA Airworthiness Directive 80-04-03 R2 p.1b



### AeroShell Oil W120

SAE J 1899 Grade 60

## Specialized Piston Engine Oils



### AeroShell Diesel Ultra

ACEA A3/B4 and API SL/CF

## Single-Grade Break-In Oils



### AeroShell Oil 65

SAE J-1966 Grade 30



### AeroShell Sport Plus 4

Rotax RON 424  
ROTAX 912 and 914 series



### AeroShell Oil 80

SAE J-1966 Grade 40



### AeroShell Oil 100

SAE J-1966 Grade 50



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