



BOEING DISTRIBUTION 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 2XN
- AeroShell Fluid 5M-A
- AeroShell Fluid S.8350
- AeroShell Fluid 602
- 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 or go to 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 Grease 33 complies with the BMS 3-33C Specification.

In the 1990s, AeroShell Grease 33 was launched. It was the first aviation grease manufactured by Shell to use lithium complex thickener technology for improved high-temperature and mechanical properties. To simplify maintenance and reduce product-misapplication risk, Boeing created its BMS 3-33 specification. A grease meeting this standard would replace a range of greases, and extend component life and lubrication intervals. Following a testing period by Boeing, AeroShell Grease 33 was the only product to meet all the requirements of the original BMS 3-33 specification.

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

SPECIALIST FLUIDS



AeroShell Fluid 3
MIL-PRF-7870E



AeroShell Fluid 12
MIL-PRF-6085E



AeroShell Fluid 5M-A
MIL-PRF-6086F
Medium Grade



AeroShell Fluid 602
MIL-PRF-87252 E



AeroShell Fluid S.8350
OEP 215



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



AeroShell Compound 07
DTD 406B

PRESERVATION ADDITIVES AND OILS



AeroShell Fluid 2XN
MIL-C-6529C Type 1



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



AeroShell Turbine Oil 3
DEF STAN 91-99

Qualified to Boeing BMS 3-32 Type 2 AeroShell LGF (landing gear fluid) is a mineral hydraulic fluid based on AeroShell Fluid 41 with additives that provide extreme-pressure performance and enhanced lubricity. The extreme-pressure additive helps to protect components from metal-to-metal wear during landings. AeroShell LGF is an in-service fluid with good low-temperature properties that make it particularly suitable for reduced temperature operations. AeroShell LGF is compatible with AeroShell Fluid 41.

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 308
MIL-PRF-7808L Grade 3



AeroShell Turbine Oil 500
SAE AS5780D Grade SPC
MIL-PRF-23699G Grade STD
DEF STAN 91-101
Grade OX-27



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 555
DOD-PRF-85734A

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



AeroShell Turbine Oil 750
DEF STAN 91-98



AeroShell Turbine Oil 560
SAE AS5708D Grade SPC
MIL-PRF-23699G Grade HTS

Approved by CFM56, V2500, GE90, GEnx and others

MINERAL TURBINE ENGINE OILS



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



AeroShell Turbine Oil 3
DEF STAN 91-99

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 fuelled; or carburetted, 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 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 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

SINGLE-GRADE ASHLESS DISPERSANT WORKING OILS



AeroShell Oil W80
SAE J 1899 Grade 40



AeroShell Oil W100
SAE J 1899 Grade 50



AeroShell Oil W120
SAE J 1899 Grade 60

SPECIALIZED PISTON ENGINE OILS



AeroShell Diesel Ultra
ACEA A3/B4 and API SL/CF



AeroShell Sport Plus 4
Rotax RON 424
ROTAX 912 and 914 series

SINGLE-GRADE BREAK-IN OILS



AeroShell Oil 65
SAE J-1966 Grade 30



AeroShell Oil 80
SAE J-1966 Grade 40



AeroShell Oil 100
SAE J-1966 Grade 50



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