

Shell Aviation

AEROSHELL FOR BOEING AIRCRAFT



AEROSHELL FOR BOEING 737 AIRCRAFT



EP AIRFRAME APPLICATIONS

AeroShell Grease 64
MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors

LANDING GEAR UTAS landing gear

AeroShell LGF
BMS 3-32 Type 2
AeroShell SSF
BMS 3-32 Type 1

AMM chapter	Description
12	Servicing
32	Landing gear

AIRFRAME

AeroShell Grease 33
BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

WHEELS AND BRAKES

SAFRAN landing systems
UTAS wheels and brakes
Honeywell wheels and braking system

AeroShell Grease 22
MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust

APU

Honeywell GTCP 85-98
Honeywell GTCP 85-129
Honeywell GTCP 36-280B
Honeywell GTCP 131-9B
APS 2000

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AeroShell Turbine Oil 500

MIL-PRF-23699G STD

AeroShell Turbine Oil 390

DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

LUBRICATING OIL

AeroShell Fluid 3
MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

ENGINES

PW JT8D
CFM56-3
CFM56-7B
CFM LEAP-1B

AeroShell Turbine Oil 560
MIL-PRF-23699G HTS

AMM chapter	Description
71	Powerplant, engine oil

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

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system



AEROSHELL FOR BOEING 747 AIRCRAFT

EP AIRFRAME APPLICATIONS

AeroShell Grease 64

MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors

APU

Honeywell GTCP 331-200
Honeywell GTCP 331-250
PW901A

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AeroShell Turbine Oil 500

MIL-PRF-23699G STD

AeroShell Turbine Oil 390

DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

AIRFRAME

AeroShell Grease 33

BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

ENGINES

PW JT9D
PW4000
RB211-524
CF6-80C
GEnx-2B

AeroShell Turbine Oil 560

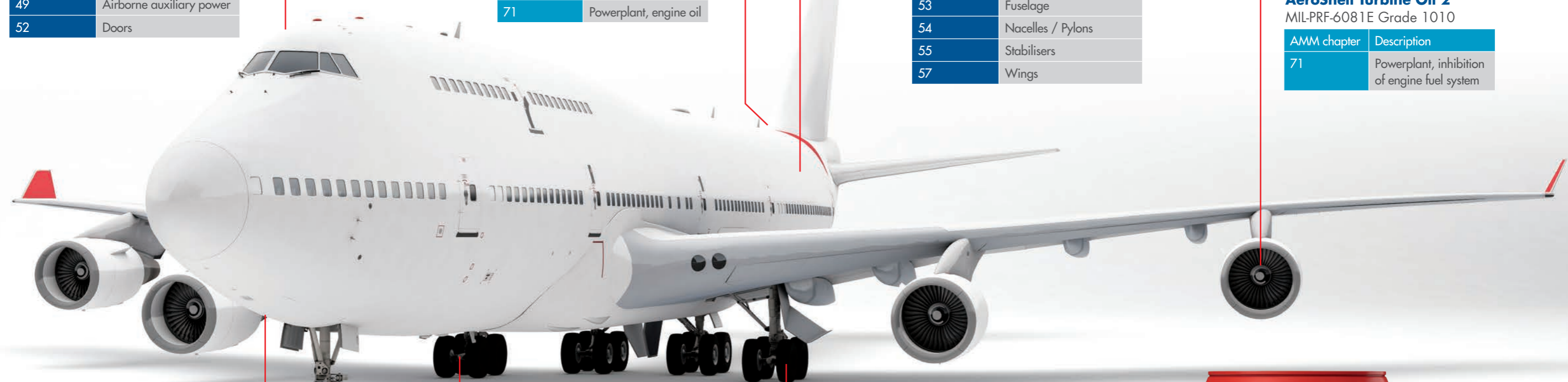
MIL-PRF-23699G HTS

AMM chapter	Description
71	Powerplant, engine oil

AeroShell Turbine Oil 2

MIL-PRF-6081E Grade 1010

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system



LUBRICATING OIL

AeroShell Fluid 3

MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

LANDING GEAR

UTAS landing gear

AeroShell LGF

BMS 3-32 Type 2

AeroShell SSF

BMS 3-32 Type 1

AMM chapter	Description
12	Servicing
32	Landing gear

WHEELS AND BRAKES

UTAS wheels and brakes
Honeywell wheels and braking system

AeroShell Grease 22

MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust



AEROSHELL FOR BOEING 757 AIRCRAFT

APU

Honeywell GTCP 331-200

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AeroShell Turbine Oil 500

MIL-PRF-23699G STD

AeroShell Turbine Oil 390

DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

LUBRICATING OIL

AeroShell Fluid 3

MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

ENGINES

RB211-535

AeroShell Ascender

MIL-PRF-23699G HTS

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AeroShell Turbine Oil 500

MIL-PRF-23699G STD

AMM chapter	Description
71	Powerplant, engine oil

AeroShell Turbine Oil 2

MIL-PRF-6081E Grade 1010

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system

LANDING GEAR

UTAS landing gear

AeroShell LGF

BMS 3-32 Type 2

AeroShell SSF

BMS 3-32 Type 1

AMM chapter	Description
12	Servicing
32	Landing gear

AIRFRAME

AeroShell Grease 33

BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

EP AIRFRAME APPLICATIONS

AeroShell Grease 64

MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors

WHEELS AND BRAKES

UTAS wheels and brakes

Honeywell wheels and

braking system

Meggitt Aircraft braking systems

AeroShell Grease 22

MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust



Suggested application points for Shell Aviation Lubricants. Always consult the manufacturer's recommendations.



AEROSHELL FOR BOEING 767 AIRCRAFT

LUBRICATING OIL

AeroShell Fluid 3 MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

APU

Honeywell GTCP 331-200
Honeywell GTCP 331-400

AeroShell Turbine Oil 560 MIL-PRF-23699G HTS

AeroShell Turbine Oil 500
MIL-PRF-23699G STD

AeroShell Turbine Oil 390
DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

ENGINES

PW JT9D
PW4000
CF6
RB211-524

AeroShell Turbine Oil 560 MIL-PRF-23699G HTS

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

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system

LANDING GEAR

UTAS landing gear

AeroShell LGF BMS 3-32 Type 2

AeroShell SSF
BMS 3-32 Type 1

AMM chapter	Description
12	Servicing
32	Landing gear

AIRFRAME

AeroShell Grease 33

BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

WHEELS AND BRAKES

UTAS wheels and brakes
Honeywell wheels and braking system

AeroShell Grease 22

MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust

EP AIRFRAME APPLICATIONS

AeroShell Grease 64

MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors



Suggested application points for Shell Aviation Lubricants. Always consult the manufacturer's recommendations.



AEROSHELL FOR BOEING 777 AIRCRAFT

LANDING GEAR

Heroux Devtek
UTAS landing gear

AeroShell LGF

BMS 3-32 Type 2

AeroShell SSF

BMS 3-32 Type 1

AMM chapter	Description
12	Servicing
32	Landing gear

WHEELS AND BRAKES

UTAS wheels and brakes
Honeywell wheels and
braking system

AeroShell Grease 22

MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust

AIRFRAME

AeroShell Grease 33

BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

APU

Honeywell GTCP 331-500

Honeywell GTCP 331-200

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AeroShell Turbine Oil 500

MIL-PRF-23699G STD

AeroShell Turbine Oil 390

DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

LUBRICATING OIL

AeroShell Fluid 3

MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

EP AIRFRAME APPLICATIONS

AeroShell Grease 64

MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors

ENGINES

Trent 800

AeroShell Ascender

MIL-PRF-23699G HTS

PW4000

GE90

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AMM chapter	Description
71	Powerplant, engine oil

AeroShell Turbine Oil 2

MIL-PRF-6081E Grade 1010

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system



Suggested application points for Shell Aviation Lubricants. Always consult the manufacturer's recommendations.



AEROSHELL FOR BOEING 787 AIRCRAFT

LUBRICATING OIL

AeroShell Fluid 3 MIL-PRF-7870E

AMM chapter	Description
12	Servicing
27	Flight controls
56	Windows

APU APS5000

AeroShell Turbine Oil 390 DEF STAN 91-94

AMM chapter	Description
71	Powerplant, engine oil

EP AIRFRAME APPLICATIONS

AeroShell Grease 64 MIL-G-21164D

AMM chapter	Description
21	Air conditioning
22	Auto flight
23	Communications
27	Flight control
28	Fuel
49	Airborne auxiliary power
52	Doors

WHEELS AND BRAKES SAFRAN landing systems

AeroShell Grease 22 MIL-PRF-81322G

AMM chapter	Description
32	Landing gear
77	Engine indicating
78	Exhaust

AIRFRAME

AeroShell Grease 33

BMS 3-33

AMM chapter	Description
25	Equipment / Furnishings
27	Flight controls
30	Ice and rain protection
32	Landing gear
36	Pneumatic
38	Water / Waste
49	Airborne auxiliary power
52	Doors
53	Fuselage
54	Nacelles / Pylons
55	Stabilisers
57	Wings

ENGINES

Trent 1000

AeroShell Ascender

MIL-PRF-23699G HTS

GEnx-1B

AeroShell Turbine Oil 560

MIL-PRF-23699G HTS

AMM chapter	Description
71	Powerplant, engine oil

AeroShell Turbine Oil 2

MIL-PRF-6081E Grade 1010

AMM chapter	Description
71	Powerplant, inhibition of engine fuel system



BENEFITS AND SPECIFICATIONS

Product	Benefits	Specifications and approvals (Full approval details can be obtained from your AeroShell representative.)
Fourth-generation, HPC turbine engine oil for the latest engine technologies		
AeroShell Ascender	<ul style="list-style-type: none"> Shell's ultimate turbine engine oil Helps reduce maintenance Low coking propensity and high thermal stability Excellent seal compatibility 	<ul style="list-style-type: none"> SAE AS5780B HPC MIL-PRF-23699G HTS
Third-generation, HTS turbine engine oil for modern engines		
ASTO 560	<ul style="list-style-type: none"> Helps reduce maintenance Longer engine life Lower oil consumption 	<ul style="list-style-type: none"> MIL-PRF-23699G HTS SAE AS5780B SPC
Second-generation, STD turbine engine oil		
ASTO 500	<ul style="list-style-type: none"> Helps reduce operational costs 	<ul style="list-style-type: none"> MIL-PRF-23699G STD SAE AS 5780 SPC
Auxiliary power unit turbine engine oil		
ASTO 390	<ul style="list-style-type: none"> Reliable cold-soak starting Approved by auxiliary power unit manufacturers 	<ul style="list-style-type: none"> DEF STAN 91-94 (British)
Fuel system inhibition turbine engine oil for use during storage		
ASTO 2	<ul style="list-style-type: none"> Protects against corrosion Mineral 	<ul style="list-style-type: none"> MIL-PRF-6081E 1010
Universal airframe grease		
AeroShell Grease 64 (formerly AeroShell Grease 33MS)	<ul style="list-style-type: none"> Extreme protection – 5% molybdenum disulphide Excellent corrosion and wear protection Proven AeroShell Grease 33 technology 	<ul style="list-style-type: none"> MIL-G-21164D
AeroShell Grease 33	<ul style="list-style-type: none"> Easier maintenance Helps reduce labour costs Less misapplication risk Simplified inventories 	<ul style="list-style-type: none"> Airbus AIMS 09-06-002 Boeing BMS 3-33B MIL-PRF-23827C Type 1 Can be used for virtually all grease points currently using greases with MIL-PRF-23827C, MIL-G-21164D, BMS 3-24, MIL-PRF-81322G, SAE AMS 3052 and AIMS09-06-002 specifications
Versatile multipurpose grease		
AeroShell Grease 22	<ul style="list-style-type: none"> Protection under severe operation conditions Long component life Versatile 	<ul style="list-style-type: none"> MIL-PRF-81322G DOD-G-24508A
Lubricating oil		
AeroShell Fluid 3	<ul style="list-style-type: none"> Low temperature General purpose Mineral 	<ul style="list-style-type: none"> MIL-PRF-7870E
Extreme-pressure hydraulic fluid		
AeroShell Landing Gear Fluid	<ul style="list-style-type: none"> Extreme pressure Low temperature Mineral 	<ul style="list-style-type: none"> BMS 3-32 Type 2
AeroShell Shock Strut Fluid	<ul style="list-style-type: none"> Extreme pressure Mineral 	<ul style="list-style-type: none"> BMS 3-32 Type 1



CONTACT US

If you want any further information, please contact your AeroShell representative or visit:

www.aeroshell.com

