

AeroShell Products



AeroShell Greases

For many years aircraft operators have been seeking to rationalize the greases used on aircraft and to reduce the number of different greases in their inventories. Boeing began research on a new, general purpose, corrosion-inhibiting grease. The aim was for a non-clay based grease that would provide longer life for components and mechanisms and possess improved wear and corrosion resistance. This led to the introduction of the Boeing Specification BMS 3-33. Shell worked closely with Boeing during the development of BMS 3-33 and formulated AeroShell Grease 33 to meet the improved performance properties required by this specification. AeroShell Grease 33 is also approved to the MIL-PRF-23827C

AeroShell Hydraulic Fluids and Preservatives

The AeroShell range features products for calibration, avionics cooling and hydraulic use, together with internal and external preservatives for piston and turbine engine aircraft.

AeroShell Piston Engine Oils

By working with the major engine manufacturers, Shell Aviation is proud to announce the latest addition to the AeroShell family – Sport Plus 4. For the first time, across the world, aviators will be able to obtain a true aviation oil specifically suited for light sport and very light/ ultralight aircraft 4-stroke engines. AeroShell Oil Sport Plus 4 provide long lasting protection. In addition, detergents in the oil keep important areas clear of carbon based particles that tend to adhere to these surfaces. So when you change your oil to new AeroShell Oil Sport Plus 4, you are not only removing dirt from your engine, you are also replenishing the additives used to protect your engine during normal operation.



Shell Aviation



AeroShell Turbine Engine Oils

For five years Shell scientists tested a prototype oil more rigorously than any other AeroShell product in Shell Aviation's history, to deliver the optimum balance between elastomer compatibility and thermal stability. The result? AeroShell Ascender, the first new formulation to fly through the SAE 5780 approval process, setting a new benchmark for high performance turbine oils. For us, it's a significant achievement. For you, it means less coking, more protection, less aircraft downtime. AeroShell Ascender has been developed and tested without compromise. No shortcuts, nothing overlooked. Designed to cope with the hotter, harder conditions found in modern turbine engines, we believe it is the most complete HPC oil in its class. The next generation of turbine engine oil has arrived.



AeroShell Greases

AeroShell Grease 5	Wheel Bearing and Engine Accessory Grease
AeroShell Grease 6	General Purpose Airframe Grease
AeroShell Grease 7	Advanced Multipurpose Airframe Grease
AeroShell Grease 14	Leading Multipurpose Helicopter Grease
AeroShell Grease 15	Extreme Temperature Ball and Roller Bearing grease
AeroShell Grease 22	Versatile Multipurpose Grease
AeroShell Grease 33	Universal Airframe Grease
AeroShell Grease 33MS	An Extreme pressure (EP) Grease



AeroShell Hydraulic Fluids and Preservatives

AeroShell Calibrating Fluid 2	Special kerosine for aircraft fuel system calibration
AeroShell Compound 06A & 07	Aircraft de-icing fluids
AeroShell Compound 08	Graphite/Petrolatum anti-seize compound
AeroShell Fluid 1, 3, 12 & 18	Lubricating oils
AeroShell Fluid 2F, & 2XN	Corrosion inhibited mineral oil for aircraft engine preservation
AeroShell Fluid 3	Mineral lubricating oil for general purpose aircraft use
AeroShell Fluid 31	Synthetic hydrocarbon hydraulic fluid for aircraft
AeroShell Fluid 41	Mineral hydraulic fluid for aircraft
AeroShell Fluid 5L-A, 5M-A & S.8350	Mineral lubricating oil for helicopter transmissions, Gearbox oils
AeroShell Fluid 61	Synthetic hydrocarbon hydraulic fluid for aircraft
AeroShell LGF & SSF	Mineral shock-absorber fluid for aircraft



AeroShell Piston Engine Oils

AeroShell Sport Plus 4 & Plus 2	The only Aviation engine oil developed for Light Sport Aircraft
AeroShell Oils 80, 100	Quality straight oils for a clean and healthy engine.
AeroShell Oils W80, W100 & W120	Quality oils (ashless dispersant) for a clean and healthy engine.
AeroShell Oil W100 Plus & W80 Plus	Premium single grade aviation oils.
AeroShell Oil W 15 W 50	The ultimate aviation oil.
AeroShell Oil Diesel 10W-40	The only fully synthetic engine oil available in General Aviation.



AeroShell Turbine Engine Oils

AeroShell Ascender	A new benchmark for high performance turbine oils.
AeroShell Turbine Engine Oil 2	A 2 mm ² /s mineral turbine oil.
AeroShell Turbine Engine Oil 390	A 3mm ² /s synthetic diester oil.
AeroShell Turbine Engine Oil 500	Second generation synthetic turbine engine oil.
AeroShell Turbine Engine Oil 555	An advanced 5 mm ² /s synthetic hindered ester oil.
AeroShell Turbine Engine Oil 560	Third generation synthetic turbine engine oil.
AeroShell Turbine Engine Oil 750	A 7,5 mm ² /s synthetic mixed ester oil

