



AeroShell[®] OIL W

Premium, ashless dispersant oils for aircraft reciprocating engines

Product Description

AeroShell[®] Oil W Single Grade Oils are premium ashless dispersant lubricating oils for 4-Stroke cycle certificated aircraft piston engines. They have been proven in billions of engine hours around the world, including service in fuel-injected and turbocharged engines.

These widely accepted oils contain a carefully selected additive combination that produces high viscosity index, dispersancy, oxidation stability and antifoam properties. These additives leave no metallic ash in the combustion chamber.

Applications

- four-stroke cycle certificated aircraft reciprocating piston engines, including fuel-injected and turbocharged (Where a MIL-L-22851 or SAE J 1899 oil is specified)
- aviation radial engines
- Lycoming and Continental flat aviation engines
- not recommended for use in automotive engines converted to aircraft
- always check with the engine manufacturer or rebuilders for specific recommendation for your engine and applications or call the **AeroShell** help line at 1-800-782-7852

Features/Benefits

- helps keep engines clean and free of sludge
- GOOD antiwear and antifoam properties
- compatibility with most other APPROVED aviation oils including straight mineral oils, other single grade AD oils and **AEROSHELL Oil W 15W-50**
- available in a full range of viscosity grades to meet your requirements

Approvals

- Teledyne Continental MHS No. 24B
- Lycoming No. 301-F
- former MIL-L-22851D
- SAE J-1899
- Pratt and Whitney Service Bulletin No. 1183-S
- Curtiss-Wright
- Franklin Engine Company



Typical Properties of Shell AEROSHELL Oil W Single Grades					
Product Code		60064	60065	60066	60067
Aviation Grade		65	80	100	120
SAE Viscosity Grade		30	40	50	60
Property	Test Method				
Viscosity:					
@ 40°C, cSt		84	126	213	288
@ 100°C, cSt		10.9	14.5	20.2	24.8
@ 210°F, SUS	D445	65	80	100	120
Viscosity Index	D2270	115	115	110	110
Gravity, °API @ 60°F	D1298	28.2	27.9	27.2	26.7
Color	D1500	2.0	4.0	4.0	5.0
Pour Point, °C (°F)	D97	-30 (-22)	-27 (-18)	-20 (-4)	-20 (-4)
Flash Point, COC, °C	D92	225	240	260	264
Carbon Residue, wt%	D524	0.2	0.3	0.2	0.25
Neutralization No, TAN-E	D664	0.01	0.01	0.01	0.01
Sulfur, wt%	D2622	0.1	0.13	0.14	0.18
Ash Content, wt%	D482	0.006	0.006	0.006	0.006
Precipitation No	D91	None	None	None	None
Cu Corrosion	D130	1	1	1	1
Water, wt%		None	None	None	None
Reaction Test	F5101 ¹	Neutral	Neutral	Neutral	Neutral
Contamination, mg/gal	F3006 ¹	Pass	Pass	Pass	Pass

¹ Not an ASTM test method

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. For more information and availability, call 1+800-782-7852 or visit the World Wide Web: <http://www.shell-lubricants.com/>.