

AEROSHELL GREASE 6

AeroShell Grease 6 is a general purpose grease composed of a mineral oil thickened with Microgel®, possessing good all-round properties within a limited range. It is inhibited against oxidation and corrosion and has good water resistance and low noise capability.

The useful operating temperature range is -40°C to +121°C.

APPLICATIONS

AeroShell Grease 6 is a general purpose airframe grease for use in anti-friction bearings, gearboxes and plain bearings within the temperature range of -40°C to +121°C.

SPECIFICATIONS

U.S.	Approved MIL-PRF-24139A Meets MIL-G-7711A (Obsolete)
British	Approved DEF STAN 91-12
French	Equivalent DCSEA 382/A
Russian	–
NATO Code	G-382
Joint Service Designation	XG-271

PROPERTIES	MIL-PRF-24139A	TYPICAL
Oil type	Mineral	Mineral
Thickener type	–	Microgel
Base oil viscosity mm ² /s		
@ 40°C	–	35
@ 100°C	–	5.5

PROPERTIES	MIL-PRF-24139A	TYPICAL
Useful operating temperature range °C	–	-40 to +121
Drop point °C	149 min	260+
Worked penetration @ 25°C	265 to 320	300
Unworked penetration @ 25°C	–	287
Bomb oxidation pressure drop @ 99°C		
100 hrs lb/in ²	10 max	9
500 hrs lb/in ²	25 max	15
Oil separation @ 100°C, in 30 hrs % m	–	0.7
Water resistance test loss @ 38°C % m	5 max	2.0
Evaporation loss in 22 hrs @ 121°C % m	–	1.3
Mean Hertz Load kg	30	35
Antifriction bearing performance @ 121°C hrs	–	2000+
Copper corrosion 24 hrs @ 100°C	Must pass	Passes
Bearing protection 2 days @ 51°C	Must pass	Passes
Colour	–	Brown