

## AEROSHELL GREASE 6

AeroShell Grease 6 is a general purpose grease composed of a mineral oil thickened with Microgel<sup>®</sup>, 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

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

PROPERTIES	MIL-PRF-24139A	TYPICAL
Oil type	Mineral	Mineral
Thickener type	-	Microgel
Base oil viscosity @ 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 <sup>2</sup>	10 max	9
500 hrs lb/in <sup>2</sup>	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