

Carbaflo® BBL-50

Perfluorinated High Temperature Grease

Product description

CARBAFLO® BBL-50 is a unique PFPE product which was specially developed for aviation. It distinguishes itself by a very low evaporation rate even at high temperatures and an outstanding low temperature resistance.

CARBAFLO® BBL-50 is ideal for the reliable lubrication of mechanical equipment working under critical changes between high and low temperatures like

- Gas valves on hot air balloons
- Control mechanism under low temperature conditions



Ingredients

CARBAFLO® BBL-50 is a fully synthetic white, pasty, solvent free PFPE Product

TEST	SPECIFICATION	RESULT
Appearance		soft, homogenous paste
Colour		white
Specific density (20°C)		1,94 g/cm ³
Consistency (NLGI - Grade)		0
Pure Point		- 60°C
Working Temperature		-50°C up to +180°C
<u>Properties of the base oil</u>		
heat conductivity, W/m * K		0,093
		0.088
		0.088
Disruptive voltage	ASTM D-877, KV/0,1 inch	38,0 to 41,0
Specific resistance	ASTM D-257, Ohm-cm	0,6 to 4,0 x 10 ¹⁴
Permittivity	ASTM D-150 @ 10 ² to 10 ⁵ HZ	2,1 to 2,2
Decomposition rate	ASTM D-150% @ 10 ² to 10 ⁵ HZ	3,0 to 7,0 x 10 ³

Advantage

- clean lubricant
- No evaporating ingredients
- Reliable and durable
- Extreme good chemical resistance
- Outstanding high- and low temperature properties
- Non flammable

Application

CARBAFLO® BBL-50 sold be applied on a clean surface by cloth or brush. After application it leaves a durable lubricating film on the surface. CARBAFLO® BBL-50 can be applied during production or assembling of the parts

Shelf life: Undefined if containment is unopened