



Grease Fluor VAC 2

Grease for low pressures and vacuum environments

Description

Grease Fluor VAC 2 is a white, homogeneous, butter-like perfluorinated polyether grease. Particularly resistant to oxygen, chemical agents and high temperatures. Grease Fluor HT can be used in contact with hot and cold water, vapour, fuel, acids, alkaline products, non-fluorinated solvents and chlorinated solvents. Grease Fluor VAC 2 is also compatible with all widely used elastomers, seals, gasket, plastics and metals.

Applications

Grease Fluor VAC 2 is adapted for the lubrication in thin film of sliding electrical contacts or as dielectric agents.

Typical performance data

	Test method	VAC 2
Colour		White
Thickener		PFPE
Density @ 20°C		1.93
Base oil viscosity @ 40 °C, cSt	ASTM D-445	740
NLGI classification		2
Worked penetration, x 0,01 mm	ASTM D-217	265/295
Drop point, °C	DIN 51811	Without
Volatility 22 hrs @ 204°C), wy % loss		<0,75
Max speed factor, n x mm		300.000
Vapour pressure @ 20 °C, torr	Knudsen	3x10 ⁻¹⁴
Vapour pressure @ 250 °C, torr	Knudsen	5.6x10 ⁻⁴
Ionizing radiations, rads		5x10 ⁸
Service temperatures, °C	ASTM D-972	-15 – 300

As stated herein Grease Fluor HT is insoluble in most of the solvents, this is why such solvents are not suitable for the cleaning of mechanisms and tools used in contact with the product. To remove or dissolve only fluorinated cleaners will be effective. Fluorsol X or Fluorsol XL can be used.

Cautions

In tests Grease Fluor HT shows very low ingestion and skin toxicity, therefore it is not dangerous for operators. Should only be applied onto perfectly clean parts, free of any type of contamination or protection such as oil, grease, anti-rust protectors and dust.

All performance data on this Technical Data Sheet are indicative only and can vary during production

Matrix Specialty Lubricants BV - info@lubes-portal.com - www.lubes-portal.com