

# GREASE-PLUS FLUOR PTFE 0

GREASES

324902201



## EXTREMELY HIGH TEMPERATURE GREASE

This is a white, uniform grease with a butter-like consistency, based on perfluorinated polyether. It provides exceptional resistance to oxygen, chemicals and high temperatures, making it ideal for use in applications exposed to hot and cold water, steam, fuel, acids, alkaline substances, non-fluorinated solvents and chlorinated solvents. This product can operate continuously at temperatures up to 250°C and can withstand peak temperatures of up to 280°C for short periods of time. This grease provides exceptional heat and chemical stability and is highly effective in a variety of applications, including electric motor bearings, furnace wagon wheel roller bearings, clip chain thermal stabilized ball bearings, drying plant chain bearings, stenter chain bearings, vacuum pump units, and handling and pumping of various chemicals and fuels. It is also suitable for use in glass production, textile and plastic film production, nuclear sites, and glass house construction. It is important to note that this product is insoluble in most solvents, and therefore, only fluorinated cleaners should be used to clean

mechanisms and tools in contact with the grease.

## CATEGORY

Greases

## BENEFITS

PROPERTY	METHOD	VALUE
Colour		White
Thickener, soap type		PTFE
Base oil nature		Fluorinated polyether
Base oil viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	500
NLGI consistency		0
Penetration @ 25 °C, x 0,1 mm	ASTM D217	355-385
Drop point °C	DIN 51 801	None
FOUT		1.93
Evaporation loss, % - Weight loss 22 hr/65 °C	ASTM D972	0
Evaporation loss, % - Weight loss 22 hr/150 °C	ASTM D972	0
Evaporation loss, % - Weight loss 22 hr/200 °C	ASTM D972	1
Evaporation loss, % - Weight loss 22 hr/250 °C	ASTM D972	4
Oil separation, % - After 30 hr/65 °C	FTMS 791.321	0
Oil separation, % - After 30 hr/100 °C	FTMS 791.321	3.5
Oil separation, % - After 30 hr/200 °C	FTMS 791.321	12
Oxidation stability @ 100 °C, bar	ASTM D942	0
Water resistance @ 90 °C	DIN 51 807	0
4-balls wear test, weld load, kg	IP 239	>700
Specific resistance (ohm x cm)		4x1014
Max speed factor (n x mm)		300.000
Service temperatures, °C		-30 - 250
Peak temperatures, °C		280

All data on this technical data sheet is indicative only

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