



Uniflor™ 8623B

A soft, silica-thickened, heavy viscosity, fully fluorinated grease possessing very wide temperature capability, excellent plastic and elastomer compatibility and resistance to aggressive chemicals.



Circuit Breakers & Disconnects

Application: High Temperatures & Aggressive Chemicals
Component Lubricated: Operating Mechanisms & Linkages

Many of the breakers see temperatures rising up to 180°C. The lubricant applied on the sliding surfaces of the operating mechanisms needs to be able to **withstand extended exposure to the highest design temperatures**. Uniflor 8623B is a fluorinated grease which allows the lubricant to function at temperatures up to 250°C. PFPE based lubricants are the most stable of all lubricants, and can stand up to the most **aggressive chemical environments**. They outlast petroleum and other synthetic lubricants in rigorous laboratory tests and in the field. UniFlor 8623B **extends the operating life** of medium - high voltage breakers and is on the cutting edge of lubricant technology. Uniflor 8623B has a blue dye, making it easier to detect when applying to components during assembly.

Typical Properties

Lubricant Properties	Typical Value	Test Method
Temperature Range	-25 to 250°C	
Base Oil	PFPE	
Thickener	Silica	
Color	Blue	
Kinematic Viscosity (100°C)	47 cSt	ASTM D-445
Kinematic Viscosity (40°C)	510 cSt	ASTM D-445
Pour Point	-20°C	ASTM D-97
Flash Point	Non-flammable	ASTM D-92
Evaporation (24 hrs, 100°C)	0.1%	NYE CTM

Nye also manufactures and commercializes other **oils and greases** for the power generation industry. Additional lubricants are available to meet a wide range of application requirements. For further information, technical specifications, evaluation samples, questions about any Nye product, or to discuss a lubricant custom-designed for your application - call us at +1.508.996.6721 or visit us at www.nyelubricants.com.



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