



OIL, FLUORINATED, GENERAL PURPOSE

WSS-M99C114-B

1. SCOPE

The material defined by this specification is a general purpose odorless fluorinated oil intended for use in applications where high temperature resistance, non-flammability, or non-reactivity is required. The oil will not burn, decompose or react to form gummy or solid deposits.

2. APPLICATION

The specification was released originally for material used as an anti-noise by applying the lubricant to the glass run seal header rubber component to prevent the noise caused by friction. This material is compatible with all other elastomeric materials.

3. REQUIREMENTS

3.1 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

Material suppliers and part producers must conform to the Company's Standard Requirements For Production Materials (WSS-M99P1111-A).

3.2 COLOR

Pale yellow

3.3 VISCOSITY

(ISO 3104/ASTM D 445)

Viscosity at 40 °C
Viscosity at 100°C

144 - 220 mm²/s
16.1 - 38 mm²/s

4. GENERAL INFORMATION

The information below is provided for clarification and assistance in meeting the requirements of this specification. This specification was written for the specific oil as indicated on the approved source list. The following are properties of the fluid that may be inherent or checked only as needed.

4.1 VISCOSITY

(ISO 3104/ASTM D 445)

Viscosity at 20 °C
Viscosity at 40 °C
Viscosity at 100 °C
Viscosity at 204 °C

350 mm²/s
210 mm²/s
36 mm²/s
5 mm²/s

4.2 OIL VISCOSITY INDEX

(ASTM D 2270)

200

4.3 FLASH POINT

(ISO 2592/ASTM D 92, Cleveland Open Cup)

None

Date	Action	Revisions	Rev. 0
2010 07 27	Activated		



Documents

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4.4	ODOR	None
4.5	DENSITY, AT 15.6 °C (ASTM D 891, Method B)	1.9 g/ml
4.6	POUR POINT (ISO 3016/ASTM D 97)	-46 °C
4.7	OIL VOLATILITY (ASTM D 2595, % in 22 hours at 204 °C)	0.9% max
4.8	STORAGE AND SHELF LIFE	

When stored in a clean, dry place with containers closed to avoid contamination, shelf life should be indefinite.

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