



# Test Monitoring Center

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## PRODUCT DATA SHEET

**TMC Product ID:** DFA 23  
**Product Purpose:** Reference Calibration Fluid for ASTM D6079 (HFRR)  
**Product Description:** Diesel Fuel  
**TMC Batch Number:** 20221014A  
**Certificate Issue Date:** 2023-02-01

Product Appearance: Clear and bright

### Properties

<u>Method</u>	<u>Test Name</u>	<u>Result</u>	<u>Units</u>
ASTM D93	Flash Point	128.5	°C
ASTM D4052	Digital Density at 15°C	0.9005	g/mL

Diesel Fuel Lubricity  
Reference Targets ASTM D6079  
High Frequency Reciprocating Rig (HFRR) 60°C

Fluid Name	Reference Period	Wear Scar Diameter Acceptance Bands		
		Target, $\mu\text{m}$	Lower Acceptance, $\mu\text{m}$	Upper Acceptance, $\mu\text{m}$
DFA 23 High lubricity reference (Fluid A Lot 23)	02/01/2023 – 04/30/2024	403	373	433

Fluid batch target performance and acceptance limits are established and supplied to the TMC by the ASTM D02.E0 Diesel Section E2, Lubricity Task Group.

Store at ambient temperature not exceeding 10 – 40°C (50 - 104°F). Do not refrigerate.