

Wear / Performance / Simulation

Method	Test Description	Sample Size
ASTM D2266	Four Ball Wear (Grease)	100 g
ASTM D2509	Timken OK Load for Grease (Specify starting load)	3400 g
ASTM D2596	Four Ball Extreme Pressure (Grease) Up to 400 kg	500 g
ASTM D2596	Four Ball Extreme Pressure (Grease) Above 400 kg	500 g
• ASTM D2622	Sulfur by XRF - Wavelength Dispersive	30 mL
ASTM D2670	Falex Pin & Vee Wear	200 mL
ASTM D2670 Mod.	Falex Pin & Vee Wear - Custom Configuration	200 mL
ASTM D2711	Demulsibility - Procedure A (No EP Additives)	2 L
ASTM D2711	Demulsibility - Procedure B (Contains EP Additives)	2 L
ASTM D2714	Block on Ring Friction and Wear	200 mL
ASTM D2782	Timken Extreme Pressure (Specify starting load)	4 L
ASTM D2783	Four Ball Extreme Pressure Up to 400 kg	200 mL
ASTM D2783	Four Ball Extreme Pressure Above 400 kg	200 mL
ASTM D3233	Falex Extreme Pressure	200 mL
ASTM D4170	Fretting Wear, Grease	25 mL
ASTM D4172	Four Ball Wear	100 mL
ASTM D4693	Low Temperature Torque, Grease	50 mL
ASTM D5182	FZG Gear Test - Up to 12 Stages	2 L
ASTM D5182	FZG Gear Test - Up to 14 Stages	2 L
ASTM D5183	Coefficient of Friction by Four Ball	100 mL
ASTM D5620	Drain and Dry Mode Using Falex Pin & Vee Block Test Machine	100 mL
ASTM D5706	Extreme Pressure Properties of Lubricating Greases using SRV, Procedure A	1 g
ASTM D5706	Extreme Pressure Properties of Lubricating Greases using SRV, Procedure B	1 g
ASTM D5707	Friction and Wear Properties of Lubricating Grease using SRV	1 g
ASTM D6079	Lubricity by HFRR	10 mL

