

Table 7-1. Index to Grease Tests

Characteristic	Test Specification	IP*	Common Designation
Bleed Resistance	FTM 321.3		Oil Separation (Static)
	ASTM D 1742		Pressure Oil Separation
Corrosion	ASTM D 1743		Rust Test
	ASTM D 5969		Rust Test
	ASTM D 6138	220	EMCOR Steel Corrosion
	ASTM D 4048		Copper Corrosion
Extreme Pressure/ Antiwear	ASTM D 2596		Four-Ball
	ASTM D 2509	326	Timken Method
	ASTM D 2266	239	Four-Ball Wear
	ASTM D 5706/5967		SRV/Oscillation
Identification and Quality Control	ASTM D 2265		Dropping Point
Oxidation Resistance	ASTM D 942	142	Bomb Oxidation
	ASTM D 3527		Wheel Bearing Life
	ASTM D 3336		High-Temp. Performance
	DIN-51806		Roller Bearings
	SKF ROF		High Temps. & Speeds
Apparent Viscosity Pumpability Torque	ASTM D 1092		At 16 shear rates
	ASTM D 4693		Low-Temperature
Shear Stability	U.S. Steel LT37		Mobility
	ASTM D 217	50	Multistroke Penetration
	ASTM D 1831		Roll Stability
	ASTM D 4290		
Leakage	ASTM D 1263		Wheel Bearing Leakage
Water Resistance	ASTM D 1264		Water Washout
	ASTM D 4049	215	Water Spray-Off
Constant Velocity Joints	CVJ		CVJ Unit Performance

*Institute of Petroleum (UK) designation