



MATERIAL REPORT

REPORT NUMBER:

DATE: 8/03/2001

TITLE: Evaluation of Parker Compound VG183-75 (19657)

PURPOSE: To obtain general information

Recommended temperature limits: -40⁰F to 400⁰F

Recommended For

Low temperature

Petroleum, mineral, and vegetable oils

Silicone fluids

Aromatic hydrocarbons (benzene, toluene)

Chlorinated hydrocarbons

High vacuum

Ozone, weather, aging resistance

Not Recommended For

Hot water and steam

Auto and aircraft brake fluids

Amines

Ketones

Low molecular weight esters and ethers



REPORT DATA

	Test Results
Original Physical Properties, ASTM D1414, D2240, D297	
Hardness, Shore A, pts.	73
Tensile Strength, psi	1861
Ultimate Elongation, %	197
Specific Gravity	1.78
Compression Set, ASTM D395 Method B (70 hrs. @ RT)	
Percent of Original Deflection	10
Compression Set, ASTM D395 Method B (166 hrs. @ 347°F)	
Percent of Original Deflection	23
Compression Set, ASTM D395 Method B (22 hrs. @ 393°F)	
Percent of Original Deflection	13
Fluid Immersion, ASTM D471 TT-S-735 Type III Fuel, (70 hrs. @ RT)	
Hardness Change, pts.	0
Tensile Change, %	-14
Elongation Change, %	-5
Volume Change, %	+4
Low Temperature, ASTM D1329 TR-10, °F	
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