



MATERIAL REPORT

REPORT NUMBER:

DATE: 2/18/2003

TITLE: Evaluation of Parker Compound KB153-70 (21337)
PURPOSE: To obtain general information.

Recommended temperature limits: -25⁰F to 300/325⁰F

Recommended For

Automotive Applications

Petroleum based hydraulic oil, motor oil, transmission fluid,
grease

R134a

Water/glycol/steam

HFA, HFB, and HFC fluids

Ozone, aging, and weather resistance

Not Recommended For

Polar solvents (ketones and esters)

Strong acids

Chlorinated hydrocarbons

Auto and aircraft brake fluids



REPORT DATA

| | Test Results |
|--|-------------------------|
| Original Physical Properties, ASTM D412, D1415 | |
| Hardness, Shore A, pts. | 75 |
| Tensile Strength, psi | 2841 |
| Ultimate Elongation, % | 316 |
| Modulus @ 100%, psi | 851 |
| Compression Set, ASTM D395 Method B (70 hrs. @ 302°F) | |
| Percent of Original Deflection (plied) | 27 |
| Percent of Original Deflection (0.110 C/S) | 57 |
| Dry Heat Resistance, ASTM D573 (70 hrs. @ 302°F) | |
| Hardness Change, pts. | +10 |
| Tensile Change, % | +2 |
| Elongation Change, % | -47 |
| Low Temperature, ASTM D1329 | |
| TR-10, °C | -17 |
| Tear Strength, Die C, ASTM D624 | |
| kN/m | 26 |