



# MATERIAL REPORT

REPORT NUMBER: KK2216  
DATE: 2/20/98

**TITLE:** Evaluation of Parker Compound N1239-70  
**PURPOSE:** To obtain general information.

Recommended temperature limits: -25<sup>0</sup>F to 300/325<sup>0</sup>F

Recommended For

Refrigerants

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

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# LABORATORY REPORT

<u>Original Physical Properties</u>	<u>Results</u>
Hardness, Shore A, pts	73
Tensile Strength, psi	2672
Elongation, %	278
Modulus @ 100%, psi	875
 <u>ASTM D 471, 70 HR @ 302°F ASTM #3</u>	
Hardness Change, pts.	-3
Tensile Change, %	-48.9
Elongation Change, %	-30.2
Modulus Change, %	-31.9
Volume Change, %	+23.1
 <u>Compression Set, Test Method</u> <u>ASTM D39, Spliced Specimen</u>	
% Deflection, max	20.1
 <u>ASTM D 471, 70 hr @ 302°F IRM903.</u>	
Hardness Change, pts	-4
Tensile Strength Change, %	-30.4
Elongation Change, %	-19.1
Modulus Change, %	-18.5
Volume Change, %	+17.7