



MATERIAL REPORT

REPORT NUMBER: KK1522
DATE: 09/28/82

TITLE: Evaluation of Parker Compound V0763-60 and V0769-60 to
ASTM D2000 6HK610 A1-10 B38

PURPOSE: To determine if V0763-60 and V0769-60 meet the callout.

CONCLUSION: Both compounds meet the requirements.

Recommended temperature limits: -15⁰F to 400⁰F

Recommended For

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

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<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>ASTM D2000 6HK 610 A1-10, B38</u>	<u>PARKER V0763-60 PLATENS</u>	<u>PARKER V0769-60 PLATENS</u>
Hardness, Shore A, pts.	60 ± 5	60	60
Tensile Strength, psi.	1000	1206	1425
Elongation, %	200	219	333
 <u>A1-10 HEAT AGING, 70 HRS. @ 250° C</u>			
Hardness Change, pts.	+10	+4	-2
Tensile Change, %	-25	+21.2	+20.8
Elongation Change, %	-25	+5.0	-6.9
 <u>B38 COMPRESSION SET, 22 HRS @ 200° C</u>			
% of Original Deflection	15	10.1	13.2