MATERIAL REPORT

REPORT NUMBER: KT2051
DATE: 02/21/90

TITLE: Evaluation of Parker Compound V0884-75 to ASTM D2000 M4HK710 A1-11 B38 Z1 Z2

PURPOSE: To determine if V0884-75 meets the requirements.

CONCLUSION: Compound V0884-75 meets the ASTM D2000 callout.

Recommended temperature limits: -15°F to 400°F

Recommended For
- Flex fuels
- Petroleum, mineral, and vegetable oils
- Silicone fluids
- Aromatic hydrocarbons (benzene, toluene)
- Chlorinated hydrocarbons
- High vacuum
- Ozone, weather, and aging resistance

Not Recommended For
- Hot water and steam
- Auto and aircraft brake fluids
- Amines
- Ketones
- Low molecular weight esters and ethers
# REPORT DATA

**Report Number:** KT2051

<table>
<thead>
<tr>
<th>ORIGINAL PHYSICAL PROPERTIES</th>
<th>M4HK710 A1-11 B38 Z1 Z2</th>
<th>V0884-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A, pts.</td>
<td>70 - 80</td>
<td>75</td>
</tr>
<tr>
<td>Tensile Strength, psi.</td>
<td>1600</td>
<td>1952</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>175</td>
<td>176</td>
</tr>
</tbody>
</table>

**HEAT AGE, 70 HRS. @ 528°F**

| Hardness Change, pts       | -5 to +10                | +7       |
| Tensile Change, %          | -40                      | -16      |
| Elongation Change, %       | -20                      | -14      |

**Compression Set, 22 hrs. @ 392°F**

| % deflection, max          | 20                       | 12       |

Z1 = 75 ± 5 Durometer

Z2 = Brown Color