MATERIAL REPORT

REPORT NUMBER:  KJ0667-70
DATE:  01/09/89


PURPOSE:  To verify Parker Compound E0667-70 meets all phases of the specification.

CONCLUSION:  Parker Compound E0667-70 meets all phases of the specification.

Recommended temperature limits:  -70°F to 250 °F

Recommended For
Hot water and steam
Glycol based brake fluid
Many organic and inorganic acids
Cleaning agents, soda and potassium alkalis
Phosphate –ester based hydraulic fluids
Silicone oil and grease
Polar solvents
Ozone, Aging and weather resistance

Not Recommended For
Mineral oil products
### REPORT DATA

Report Number: KJ0667-70

5CA 715 A25 B35 C32 F18 G21 EA14

<table>
<thead>
<tr>
<th>Property</th>
<th>SPEC</th>
<th>E0667-70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A, pts.</td>
<td>65-75</td>
<td>70</td>
</tr>
<tr>
<td>Tensile Strength, min.</td>
<td>1500</td>
<td>1993</td>
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<tr>
<td>Elongation, min.</td>
<td>200</td>
<td>255</td>
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</tbody>
</table>

**HEAT AGE (A25)**

- **70 HRS. @ 257°F**
  - Hardness Change, max. +10 +1
  - Tensile Change -20 +16.7
  - Elongation Change -40 +7.8

**HEAT AGE (BASIC)**

- **70 HRS. @ 257°F**
  - Hardness Change ±15 +1
  - Tensile Change ±30 +16.7
  - Elongation Change -50 +7.8

**COMPRESSION SET, (BASIC)**

- **22 HRS. @ 212°F**
  - % of original deflection 60% max. 9.9%

**COMPRESSION SET (B35)**

- **22 HRS. @ 257°F**
  - % of original deflection 50% max. 15.8%

**RESISTANCE TO OZONE (C32)**

- **METHOD D1171**
  - Exposure Method B Pass suitable for testing

- **(F18)**
  - Low Temp, Brittleness D2137, Method A nonbrittle after 3' @ -50°C (-58°F) Pass Passed

- **(G21)**
  - Tear Resistance Method D624, Die C Min. KN/M 26 min. 38.4

- **(EA14)**
  - Water Resistance 70 HRS. @ 212°F Volume Change, % ± 5 +.3