



# MATERIAL REPORT

REPORT NUMBER:

DATE: 6/02/00

**TITLE:** Evaluation of Parker Compound SM152-60 (11356)  
**PURPOSE:** To obtain general data

Recommended temperature limits: -60<sup>0</sup>F to 450<sup>0</sup>F

Recommended For

Dry heat

Some petroleum oils

Moderate water resistance

Fire resistant hydraulic fluids (HFD-R and HFD-S)

Ozone, aging, and weather resistance

Low temperature

Not Recommended For

Ketones

Acids

Silicone oils

Auto and aircraft brake fluid



### REPORT DATA

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|  | <b>SM152-60</b><br><b>Platen Results</b> |
|--|--|
| <u>Basic Physical Properties</u>   |  |
| Hardness   | 60                                       |
| Tensile Strength, psi  | 986                                      |
| Elongation, %  | 247                                      |
| <u>ASTM D573 Heat Aging, 70 H @ 437<sup>0</sup>F</u>                       |  |
| Hardness Change, pts   | -3                                       |
| Tensile Change, %  | +3                                       |
| Elongation Change, %   | -4                                       |
| <u>Compression Set, ASTM D395 Method B,<br/>22 HRS @ 302<sup>0</sup>F</u>  |  |
| % of Original Deflection (plied)   | 5  |
| <u>Fluid Immersion, ASTM D471 IRM 903 Oil,<br/>70 H @ 302<sup>0</sup>F</u> |  |
| Volume Change, %   | +2                                       |