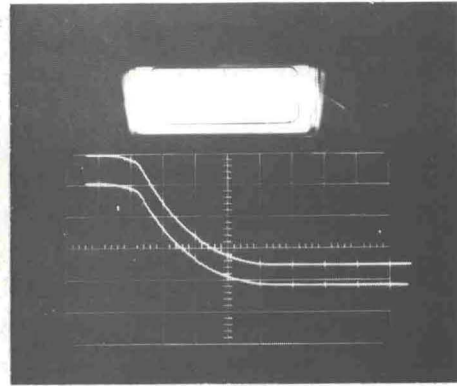
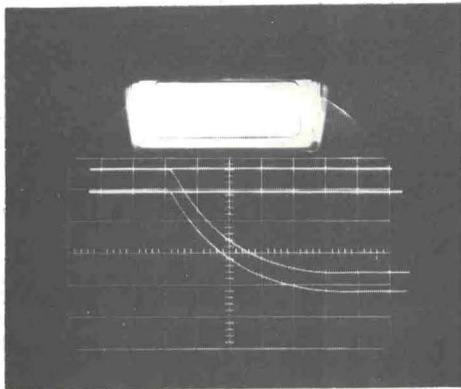


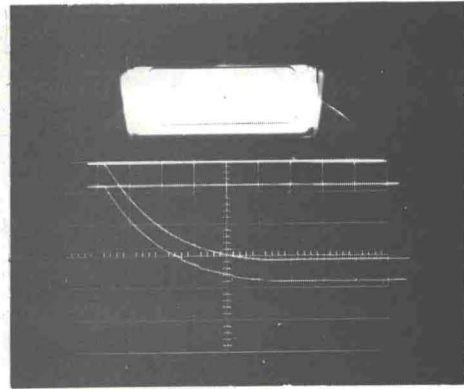
TEST NO. 51 SAE 10 OIL  
PEAK PRESSURE = 45,500 PSI  
SWEEP RATE = 2 MSEC/CM



TEST NO. 58 SAE 10 OIL  
PEAK PRESSURE = 25,300 PSI  
SWEEP RATE = 2 MSEC/CM



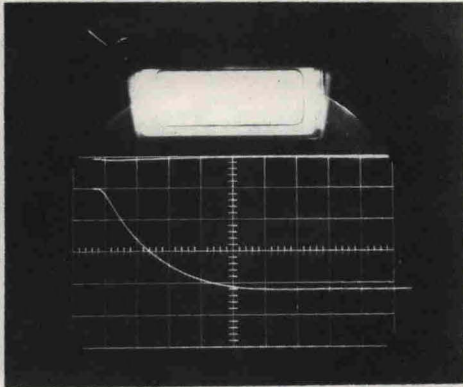
TEST NO. 75 SAE 20 OIL  
PEAK PRESSURE = 46,000 PSI  
SWEEP RATE = 2 MSEC/CM



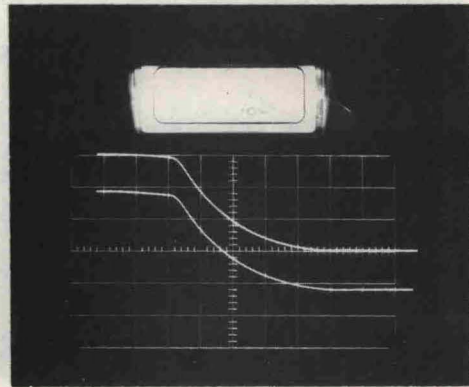
TEST NO. 78 SAE 20 OIL  
PEAK PRESSURE = 45,000 PSI  
SWEEP RATE = 2 MSEC/CM

SPACING OF GRID-WORK ON OSCILLOSCOPE SCREEN IS 1 CM<sup>2</sup>

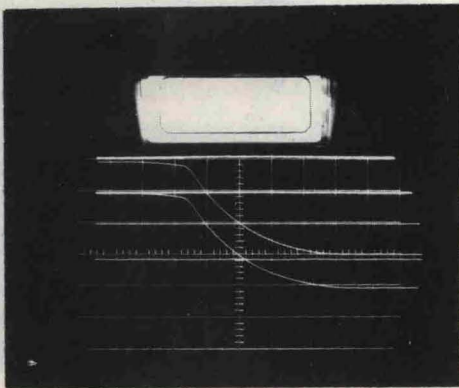
FIG. 16 PRESSURE-TIME OSCILLOSCOPE TRACES  
FOR 1/8" I.D. TUBES



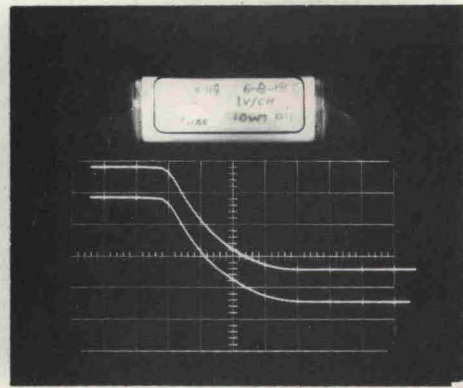
TEST NO.27 SAE 20 OIL  
PEAK PRESSURE = 47,600 PSI  
SWEEP RATE = 1 MSEC/CM



TEST NO.92 SAE 10 OIL  
PEAK PRESSURE = 45,500 PSI  
SWEEP RATE = 1 MSEC/CM



TEST NO.98 SAE 10 OIL  
PEAK PRESSURE = 43,400 PSI  
SWEEP RATE = 1 MSEC/CM



TEST NO.119 SAE 10 OIL  
PEAK PRESSURE = 25,300 PSI  
SWEEP RATE = 1 MSEC/CM

SPACING OF GRID-WORK ON OSCILLOSCOPE SCREEN IS 1 CM<sup>2</sup>

FIG. 17 PRESSURE-TIME OSCILLOSCOPE TRACES  
FOR  $\frac{3}{16}$ " I.D TUBES