
DV LUBRICATOR

Test Specifications

DV Pumping Units, Single, ~~Oversize~~ Dia. (.318" - .320")
 Stamped "O"

1. Applicable Pumping Units

Piston D-20835	Piston D-20835
Cylinder D-21321	Cylinder D-21170

2. Test Conditions

Oil, mineral, viscosity.....	300 SSU @ 100°F.
Oil, test temperature.....	70° - 90° F.
Discharge pressure.....	500 psi
Stroke, full open.....	.316" - .319"
Return spring.....	Drg. D-21886
Ratchet speed.....	14 & 4 RPM
Ratchet angle.....	30°

3. Test Runs

(a) Speed	14 RPM
No. of strokes	80
Discharge- Max.	32.6cc.
Discharge- Min.	26.5cc. Standard Practice 2-DV

(There must be no indication of sticking pistons)

(b) Speed.....	4 RPM
No. of strokes.....	40
Discharge- Max.	16.3cc.
Discharge- Min.	12.2cc. Standard Practice 3-DV

(There must be no indication of sticking pistons)

4. Piston stroke must be accurately measured. When the full stroke of .316" - .319" can not be obtained on the test lubricator, the acceptable minimum discharge may be revised downward according to the charts shown on Standard Practice 2-DV.

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