

09/00

Hy-Line & Ultima PERFORMANCE DATA SHEET

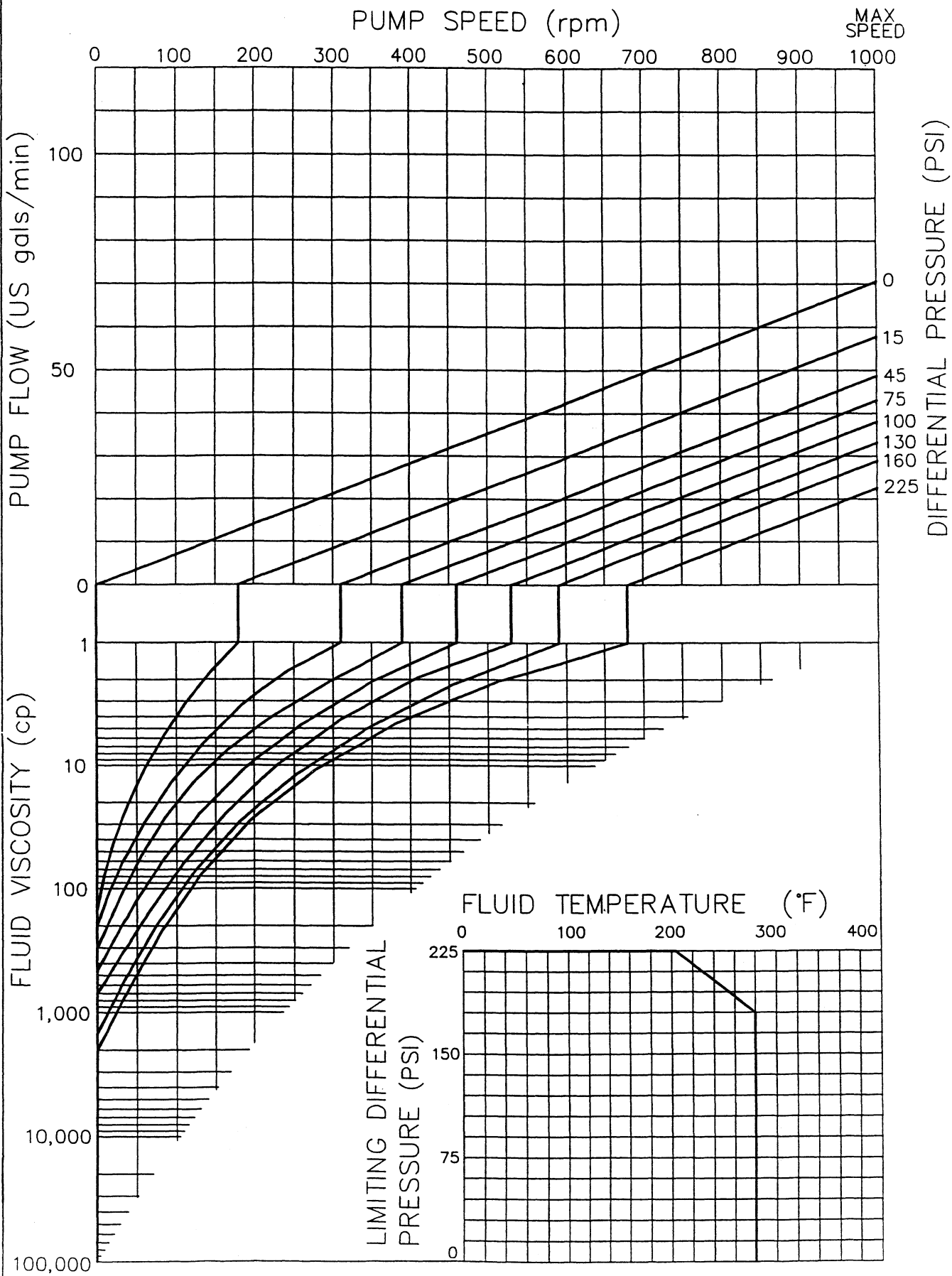
9.5209.FI

SIZE: 52

SEAL TYPES: ALL

POLISH: 0,Y

ROTORS CODE: 9

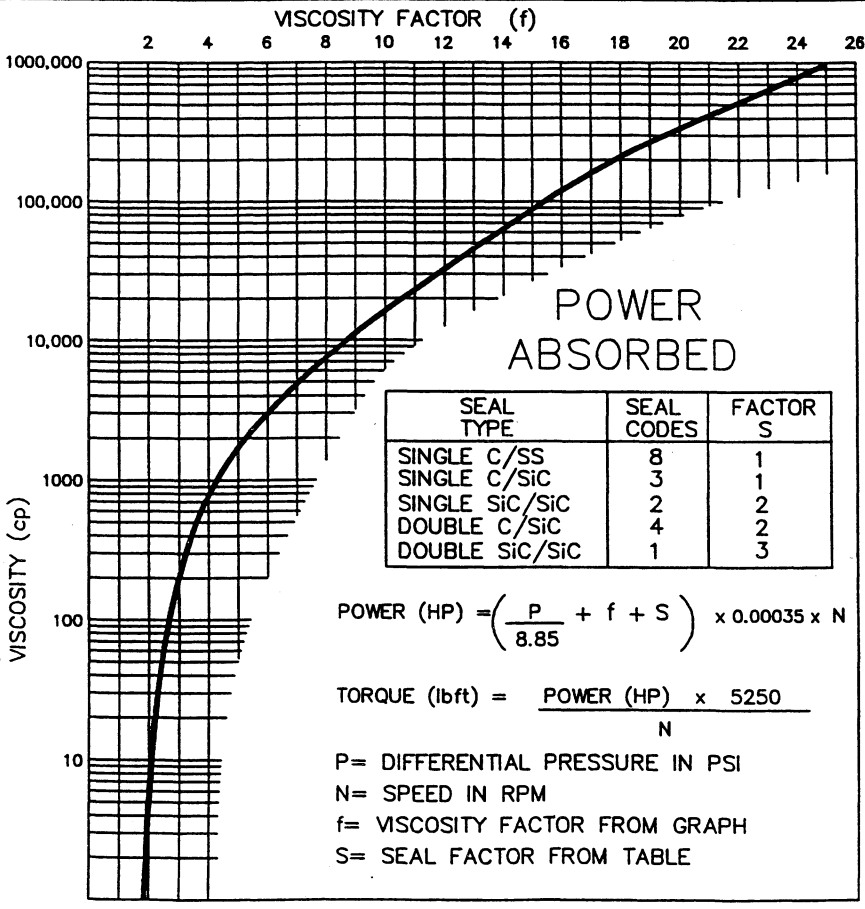
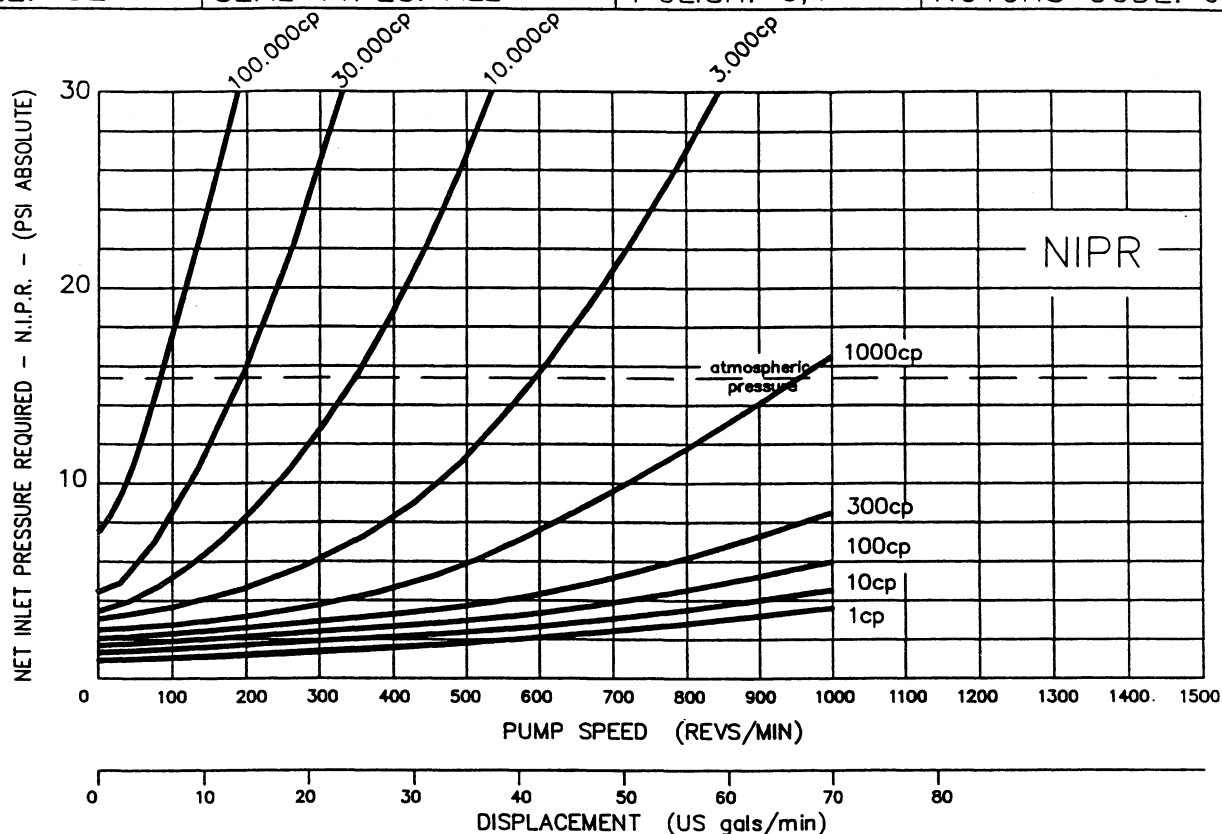


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APPLICATION DATA

MAX INPUT SHAFT TORQUE (lbft) 110
 MAX SHAFT RADIAL LOAD (lb) 506
 MAX SOFT PARTICLE DIA (in) 0.6
 DISPLACEMENT (cubic in/rev) 16
 DISPLACEMENT (US gals/100revs) 7

PHYSICAL DATA

PUMP WEIGHT HY~LINE (lb) 70
 PUMP WEIGHT ULTIMA (lb) 85
 OIL CAPACITY (cubic in) 67
 HOLD UP VOLUME (cubic in) 28

TIGHTENING TORQUES (lbft)

END COVER BOLTS 15
 ROTOR RETAINER SCREWS (HY~LINE) 40
 ROTOR CASE SCREWS 15
 GEAR COVER SCREWS 8
 GEAR NUTS 75
 ROTOR TIE ROD NUTS (ULTIMA) 30

ROTOR CLEARANCES (in)

FRONT, ROTOR TO END COVER 0.007
 RADIAL, ROTOR TO ROTOR CASE 0.010
 MESH, LOBE TO LOBE - MIN 0.008