

09/00

Hy-Line & Ultima PERFORMANCE DATA SHEET

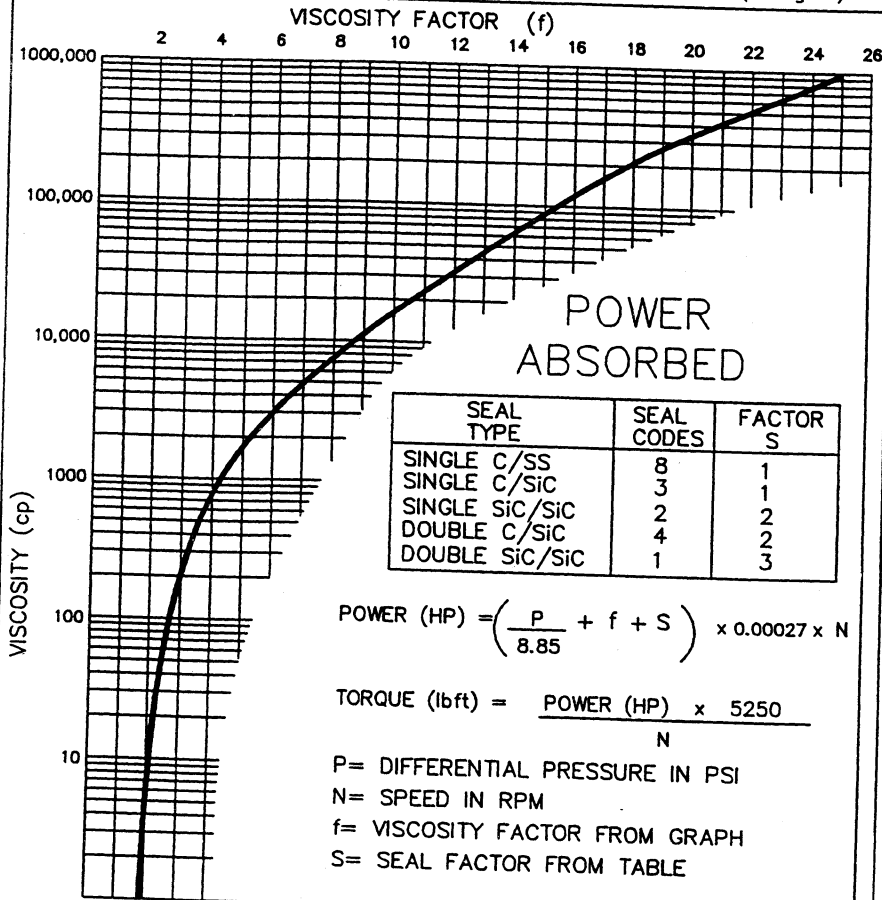
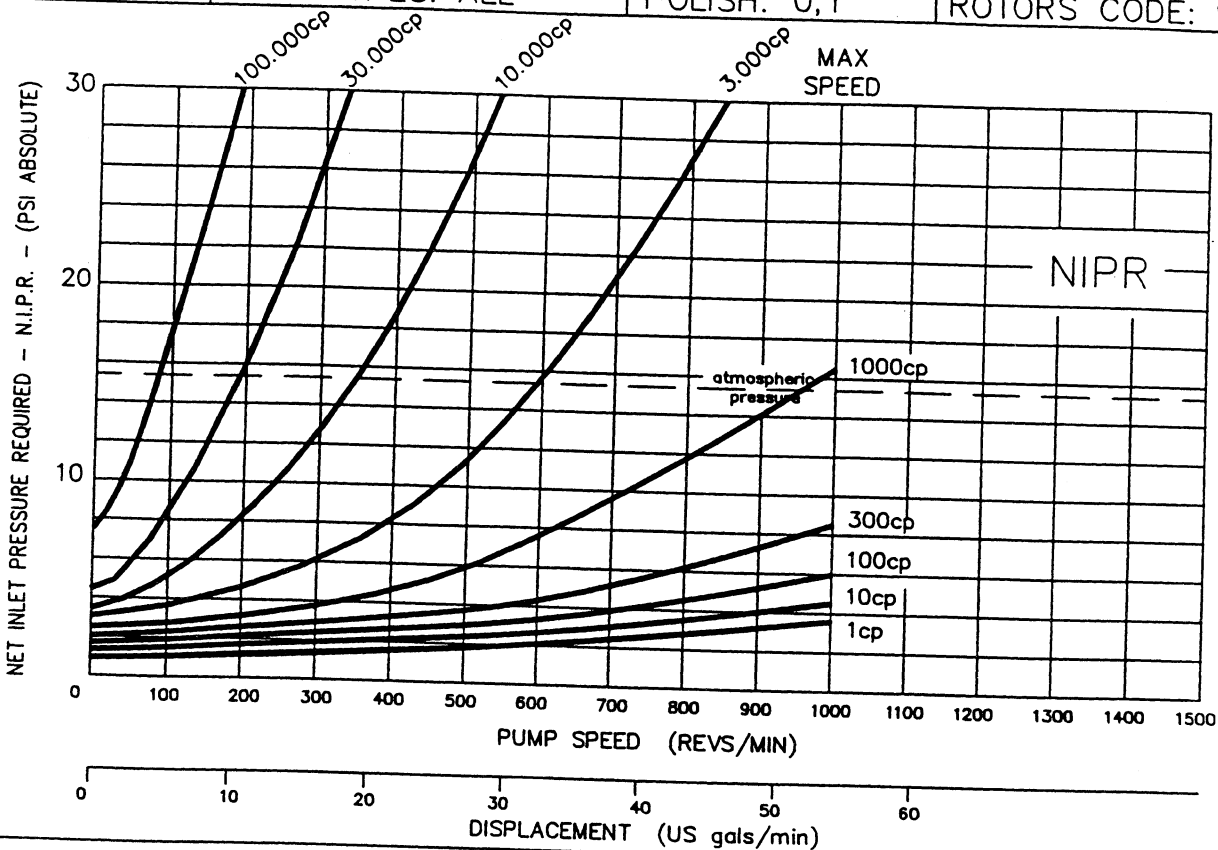
9.4409.BI

SIZE: 44

SEAL TYPES: ALL

POLISH: 0,Y

ROTORS CODE: 9



APPLICATION DATA

MAX INPUT SHAFT TORQUE (lbft) 44
 MAX SHAFT RADIAL LOAD (lb) 63
 MAX SOFT PARTICLE DIA (in) 0.4
 DISPLACEMENT (cubic in/rev) 12
 DISPLACEMENT (US gals/100revs) 5.4

PHYSICAL DATA

PUMP WEIGHT HY~LINE (lb) 44
 PUMP WEIGHT ULTIMA (lb) 55
 OIL CAPACITY (cubic in) 61
 HOLD UP VOLUME (cubic in) 11

TIGHTENING TORQUES (lbft)

END COVER BOLTS (123) 15
 ROTOR RETAINER SCREWS (HY~LINE)(59) 40
 ROTOR CASE SCREWS (52) 7
 GEAR COVER SCREWS (18) 6
 GEAR NUTS (8) 37
 ROTOR TIE ROD NUTS (ULTIMA)(26&27)15

ROTOR CLEARANCES (in)

FRONT, ROTOR TO END COVER 0.005
 RADIAL, ROTOR TO ROTOR CASE 0.008
 MESH, LOBE TO LOBE - MIN 0.008

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