

09/00

Hy-Line & Ultima PERFORMANCE DATA SHEET

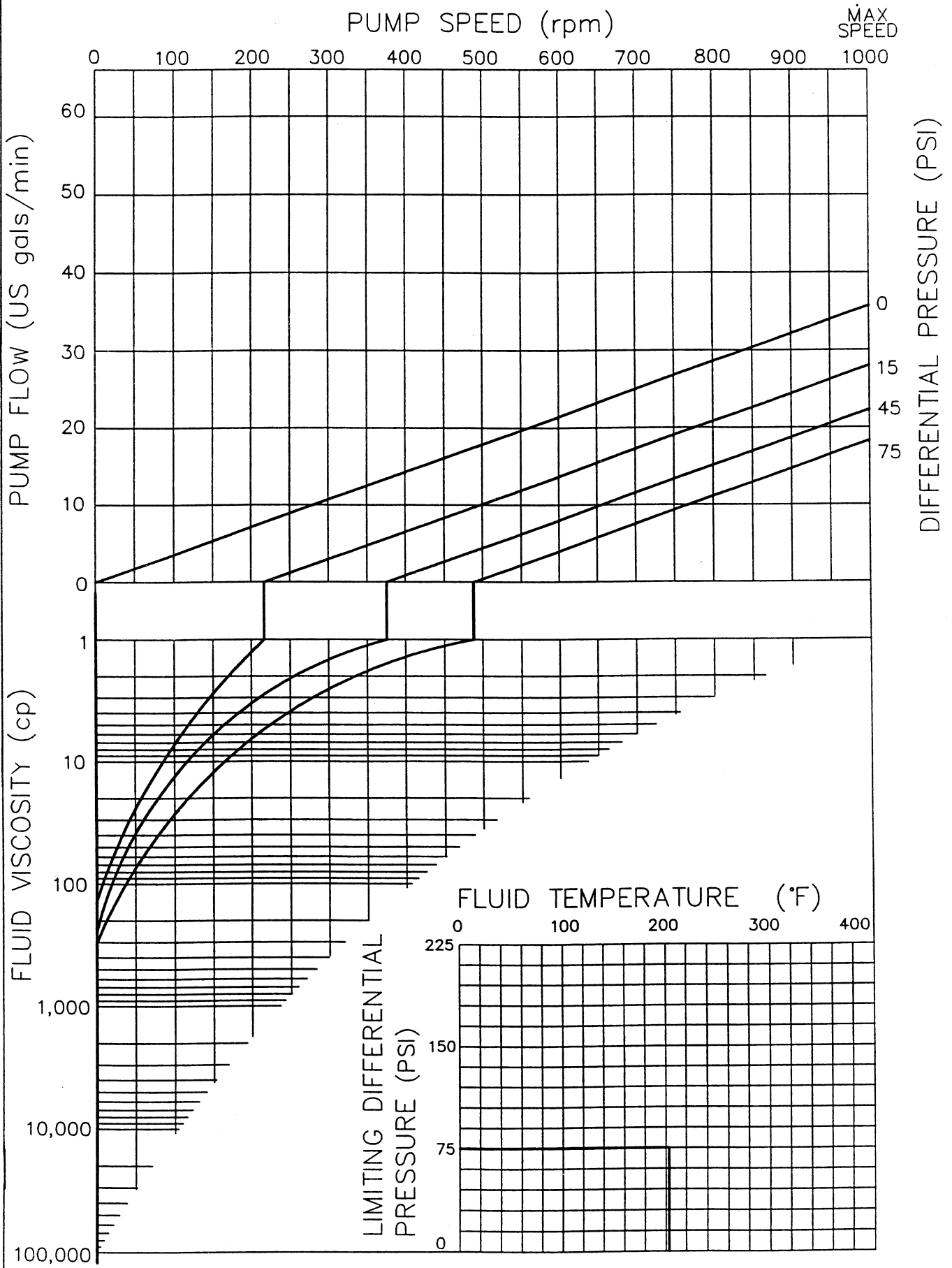
9.4208Z.FI

SIZE: 42

SEAL TYPES: ALL

POLISH: Z

ROTORS CODE: 8

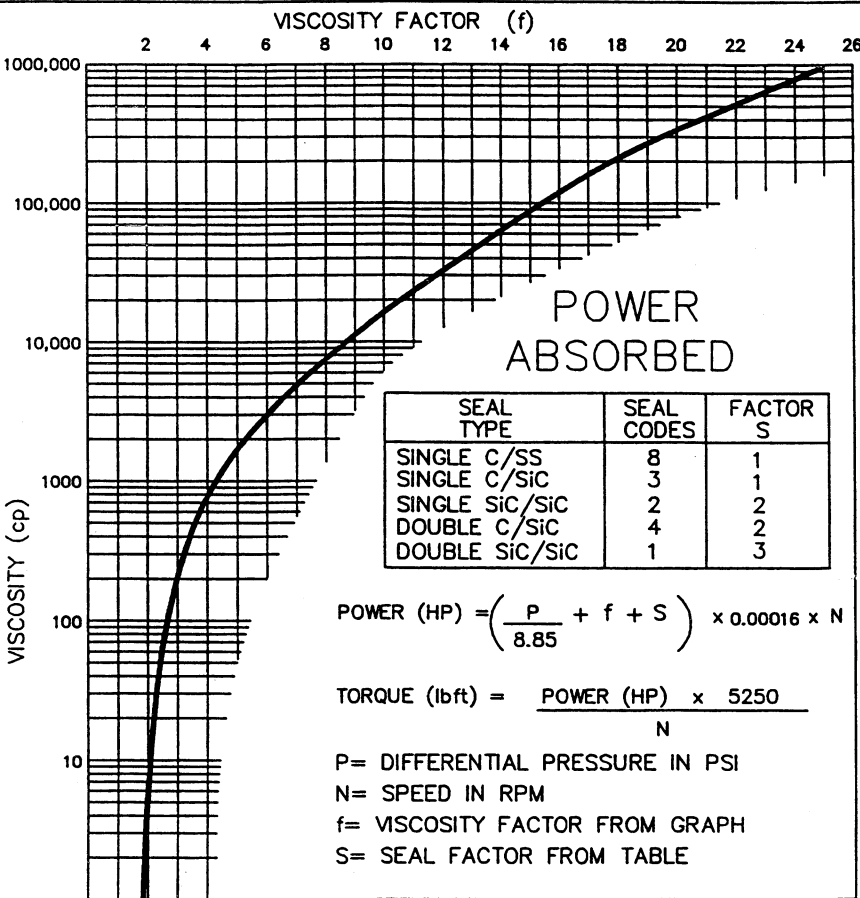
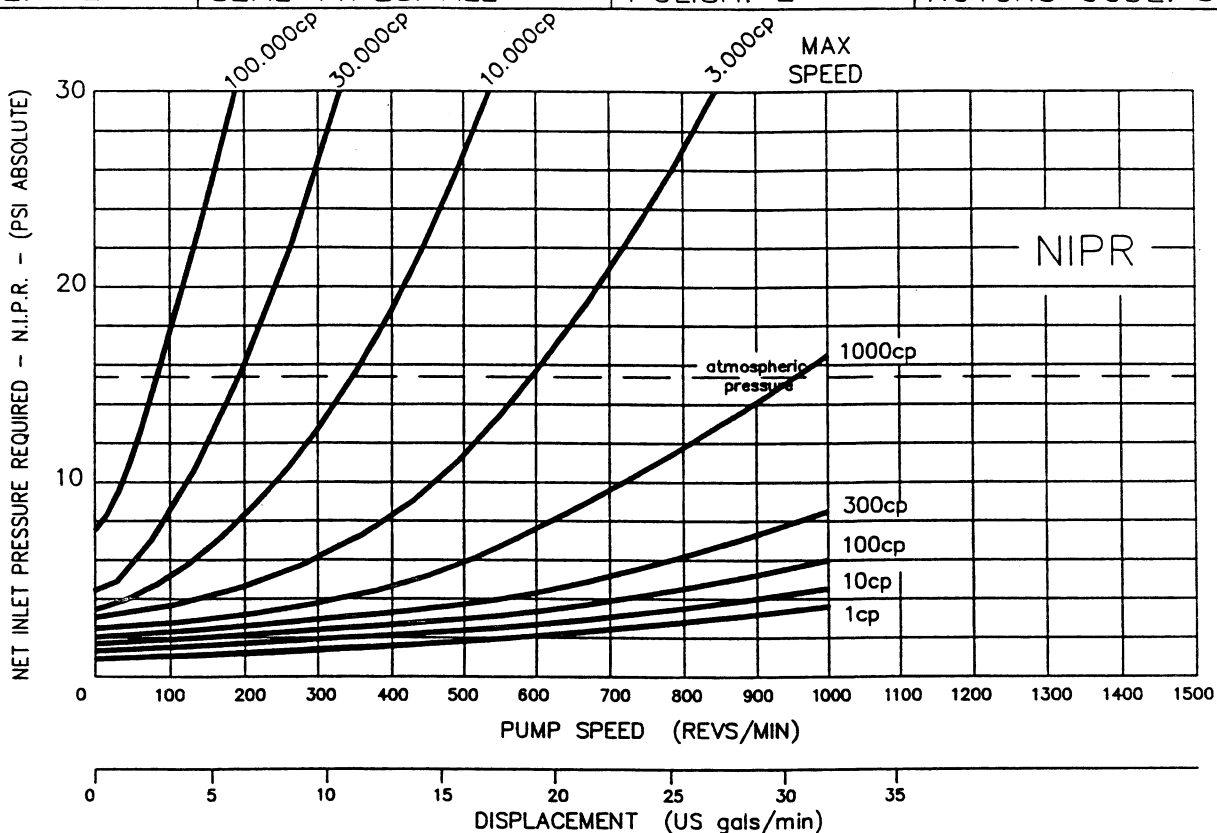


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APPLICATION DATA

MAX INPUT SHAFT TORQUE (lbft) 44
 MAX SHAFT RADIAL LOAD (lb) 63
 MAX SOFT PARTICLE DIA (in) 0.4
 DISPLACEMENT (cubic in/rev) 7.5
 DISPLACEMENT (US gals/100revs) 3.2

PHYSICAL DATA

PUMP WEIGHT HY~LINE (lb) 40
 PUMP WEIGHT ULTIMA (lb) 51
 OIL CAPACITY (cubic in) 61
 HOLD UP VOLUME (cubic in) 4

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 0.003
 RADIAL, ROTOR TO ROTOR CASE 0.003
 MESH, LOBE TO LOBE - MIN 0.003

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