

09/00

Hy-Line & Ultima PERFORMANCE DATA SHEET

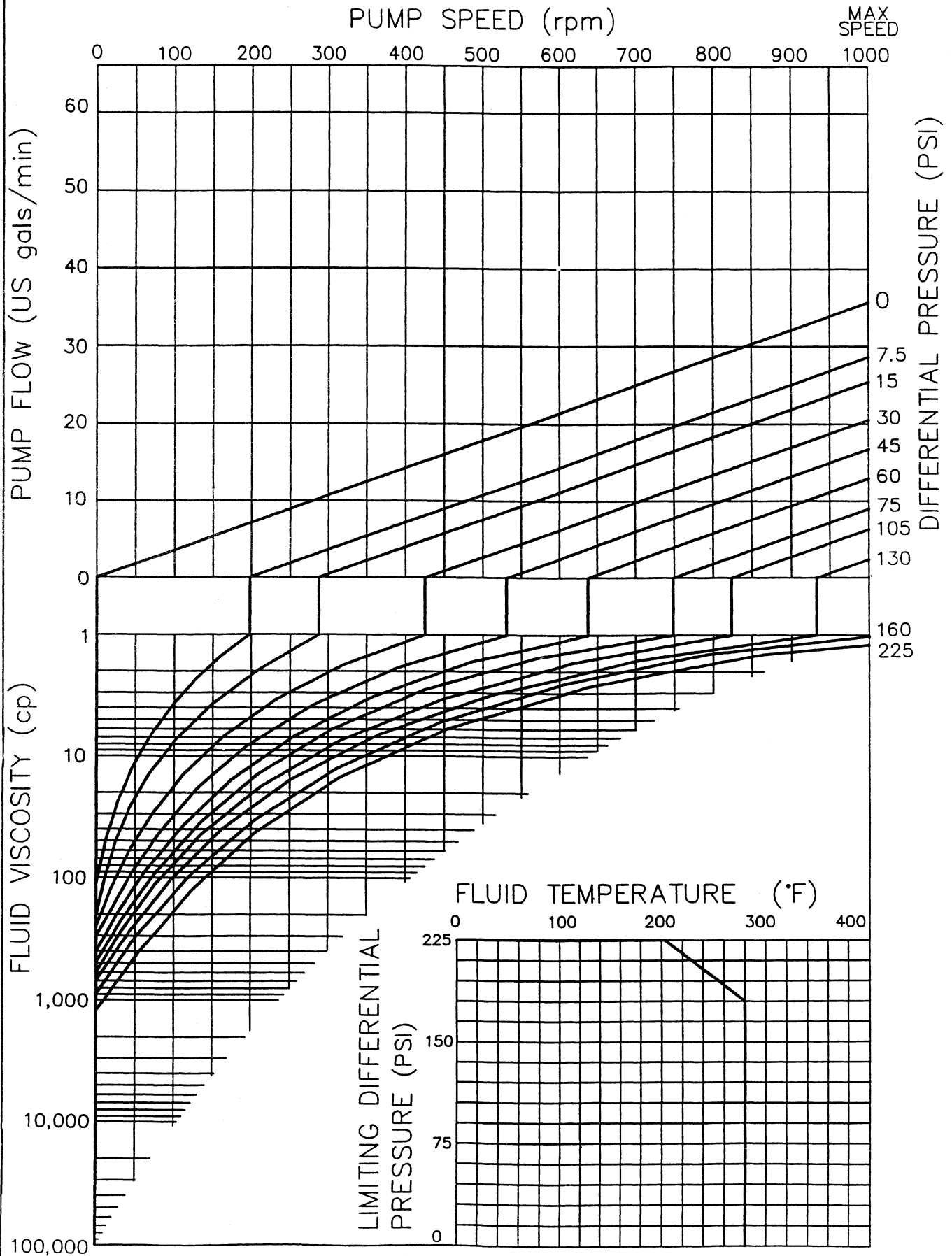
9.4209Z.FI

SIZE: 42

SEAL TYPES: ALL

POLISH: Z

ROTORS CODE: 9

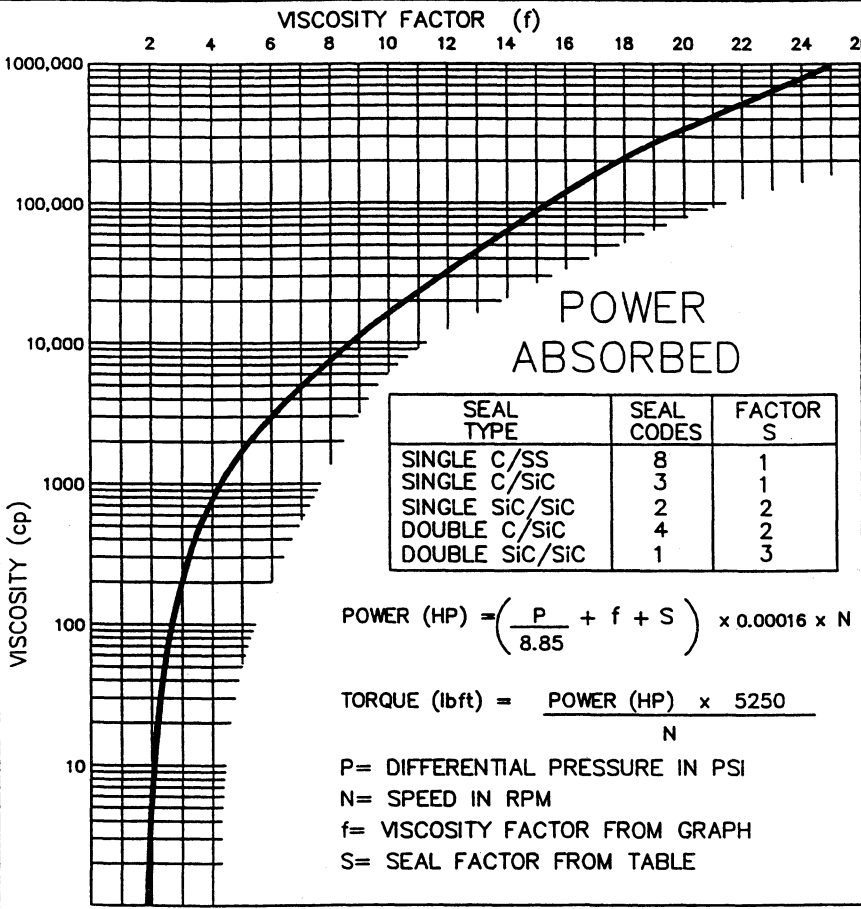
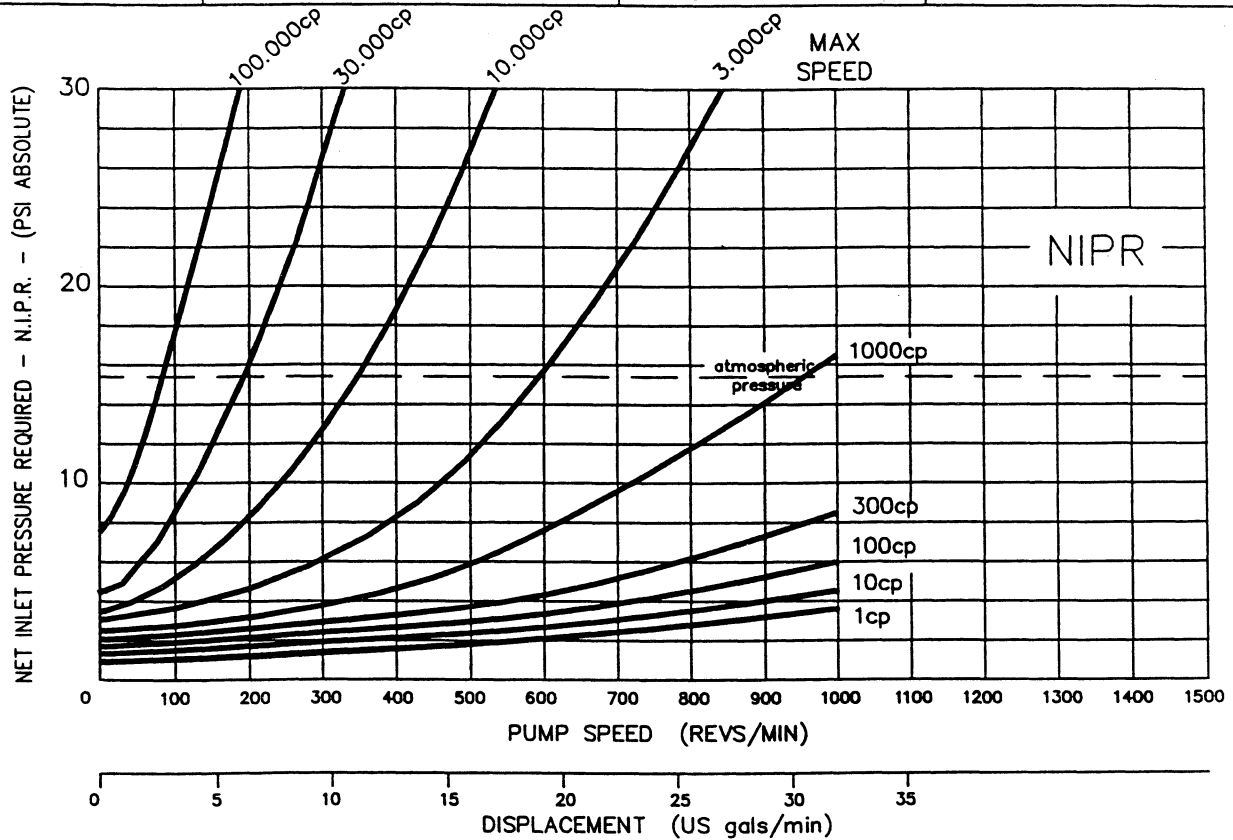


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**APPLICATION DATA**

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 0.005  
 RADIAL, ROTOR TO ROTOR CASE 0.008  
 MESH, LOBE TO LOBE - MIN 0.008

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