

09/00

Hy-Line & Ultima PERFORMANCE DATA SHEET

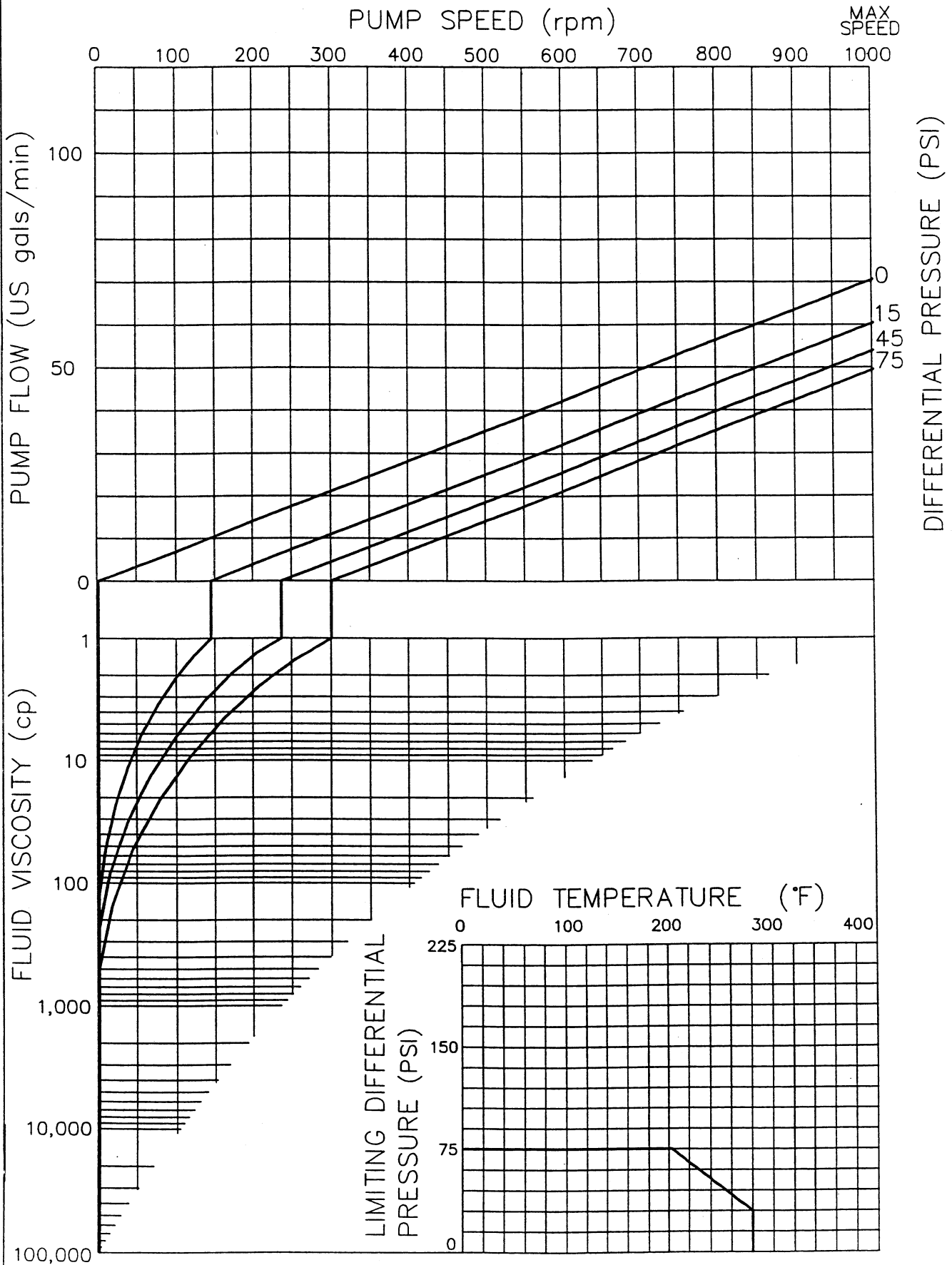
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SIZE: 52

SEAL TYPES: ALL

POLISH: Z

ROTORS CODE: 8

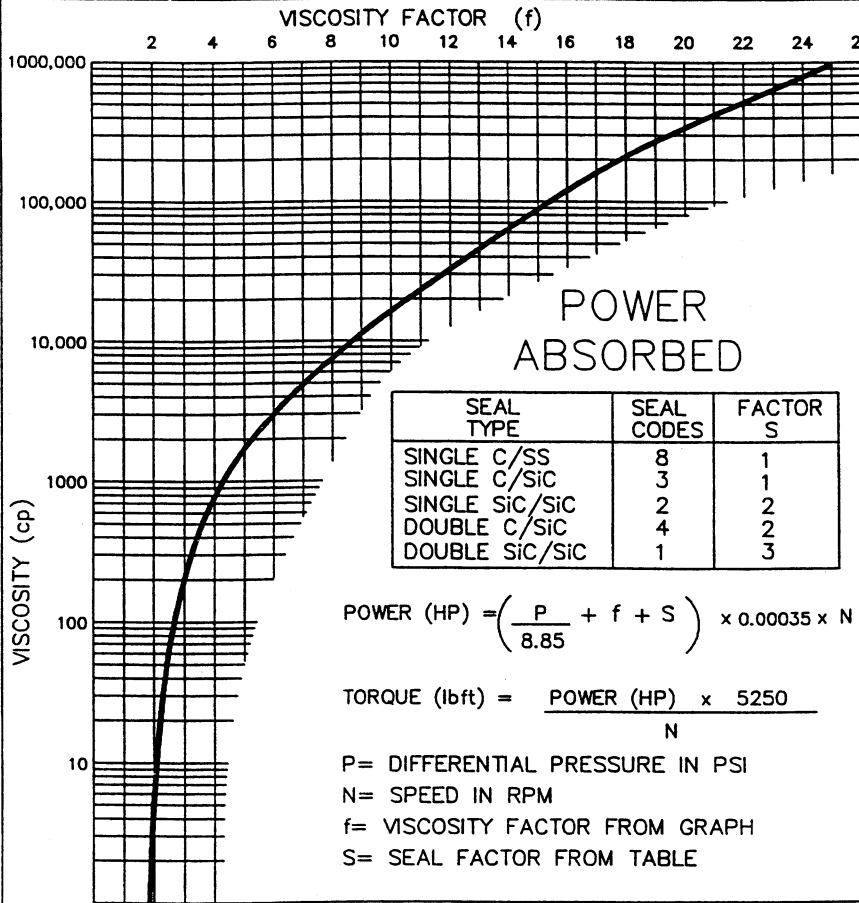
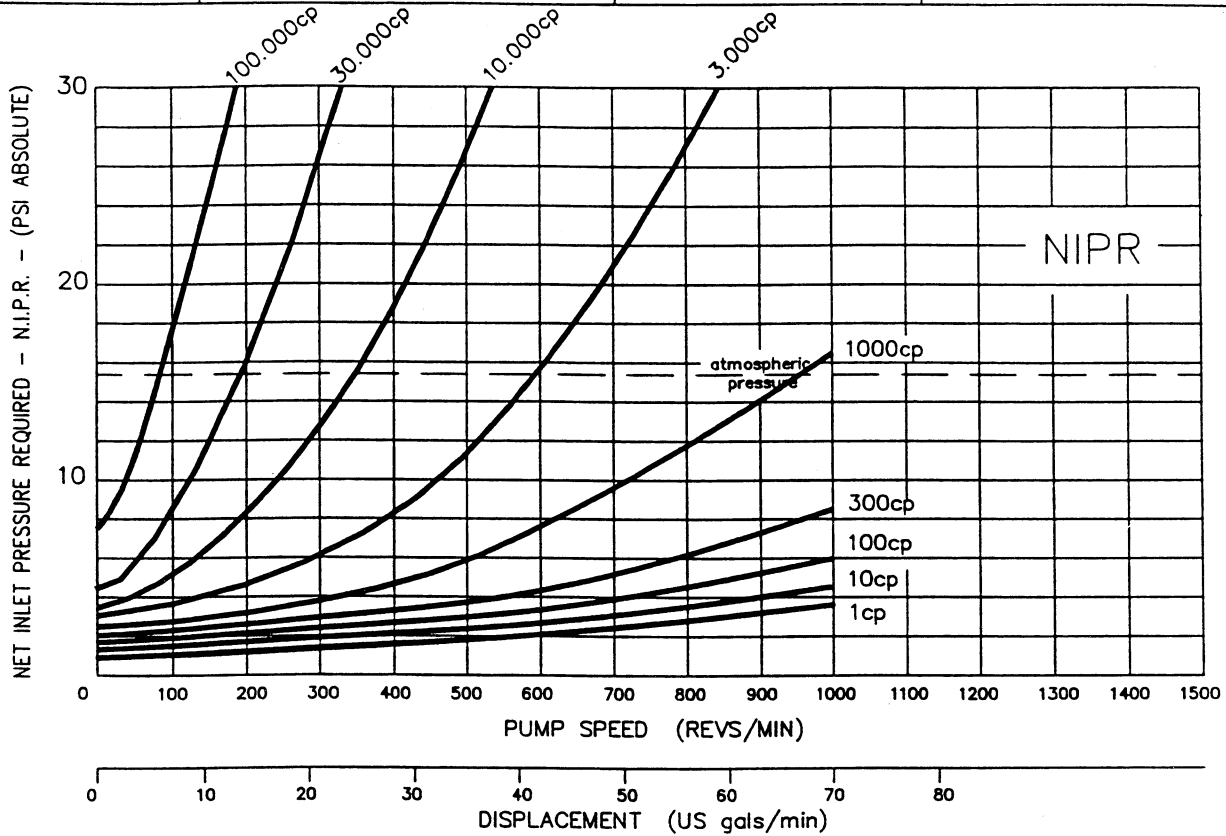


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APPLICATION DATA

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

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