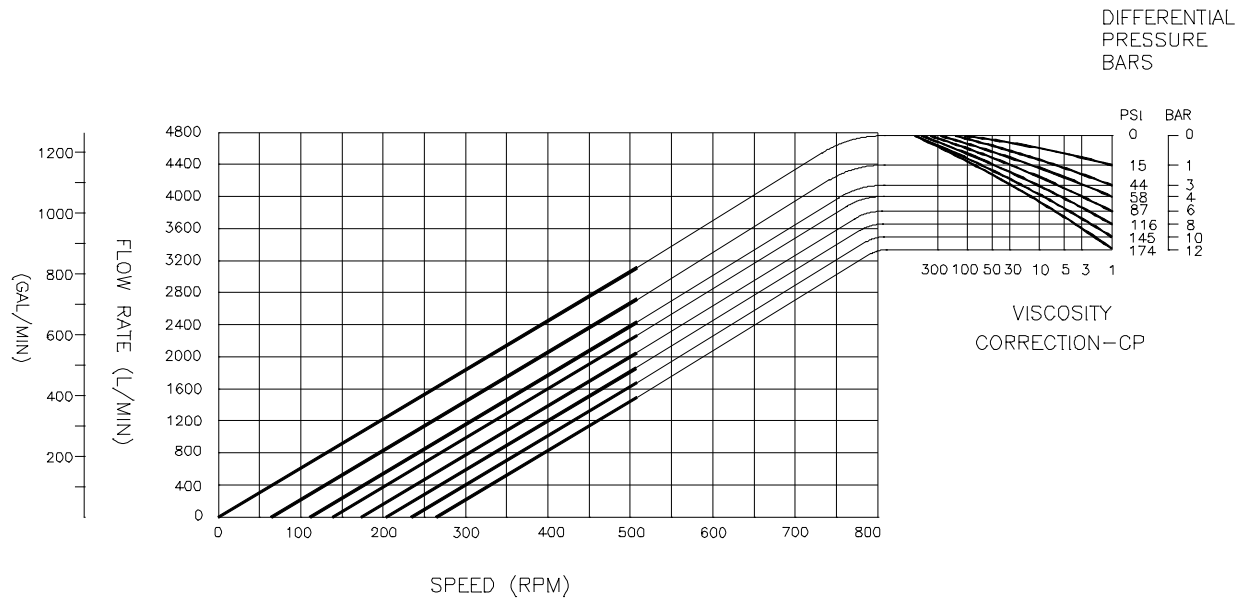
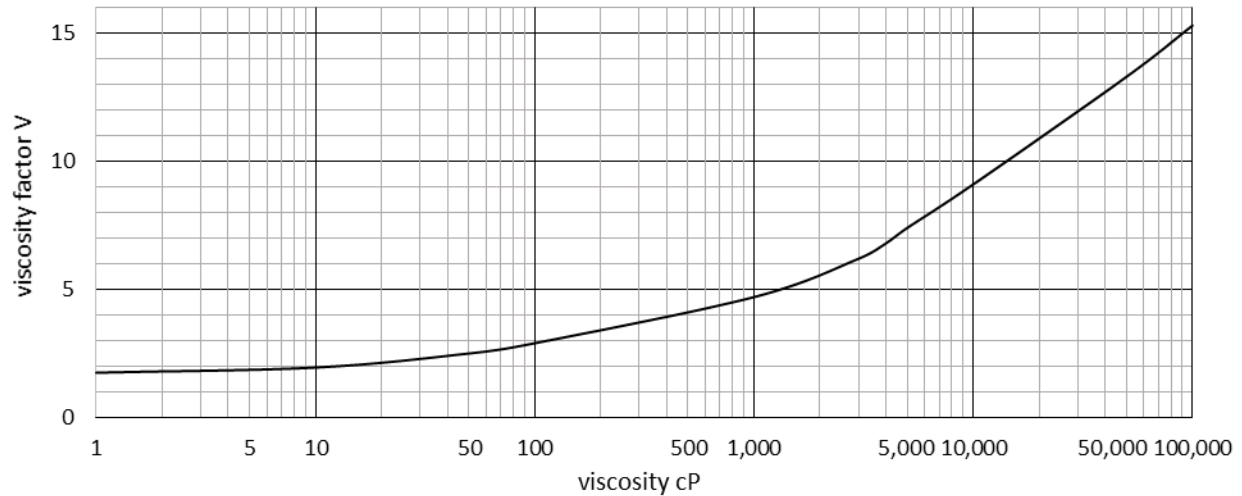


# Rotary Lobe Pump RZF580

APPLIES TO DOUBLE HELI-LOBE ROTOR  
PORT SIZE: FLANGE 8 X 8



## Power Calculation for Viscosity Liquids



$$\text{(English units) Total Power (HP)} = (0.0007 \times p + 0.0051 \times v) \times n \times c$$

$$\text{(Metric units) Total Power (Kw)} = \frac{(2 \times p + v) \times n \times c}{1000}$$

$p$  = pressure (psi or bar)

$v$  = viscosity correction factor (from graph)

$n$  = speed (RPM)

$c$  = displacement (1.85 gal/rev or 7.0 L/rev)