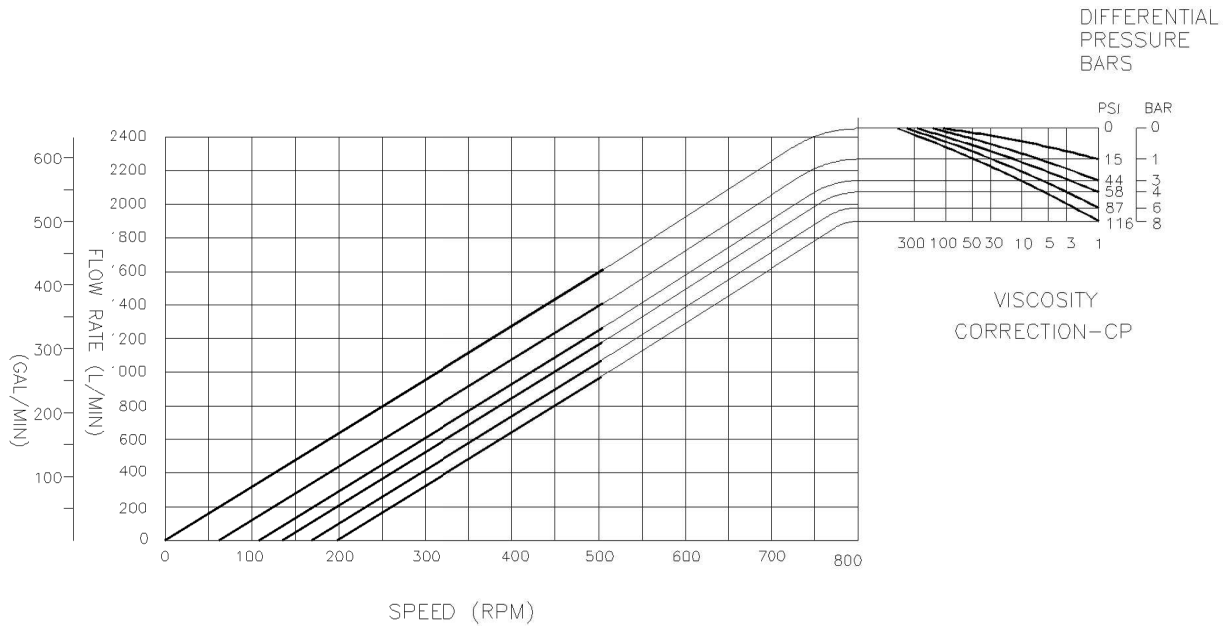


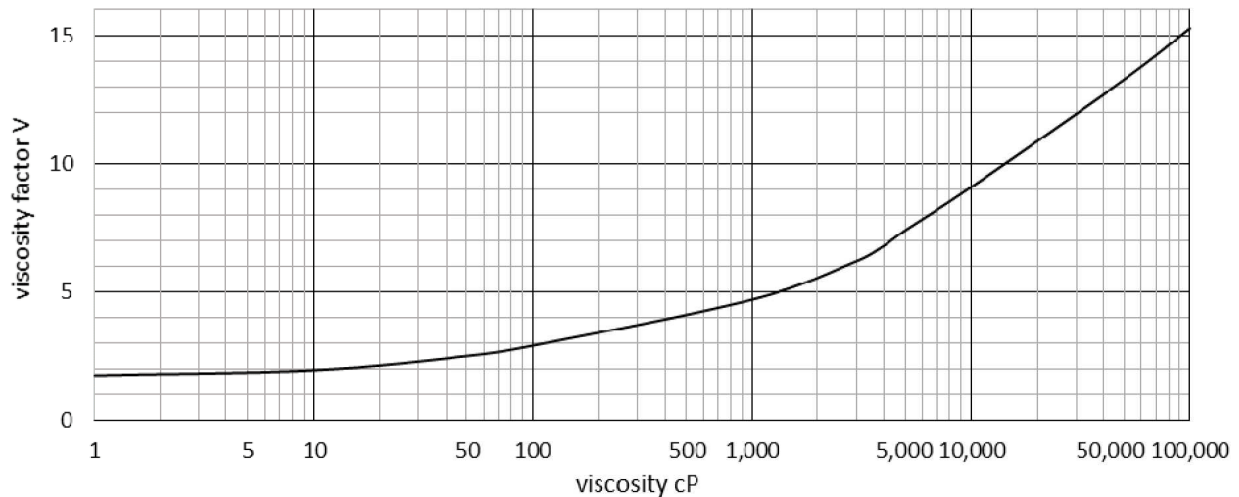
Rotary Lobe Pump RZL450

APPLIES TO BI-WING, BI-LOBE, AND SINGLE WING* ROTORS

* SINGLE WING ROTOR MAX 100 RPM



Power Calculation for Viscosity Liquids



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

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

p = pressure (psi or bar)

v = viscosity correction factor (from graph)

n = speed (RPM)

c = displacement (0.88 gal/rev or 3.34 L/rev)