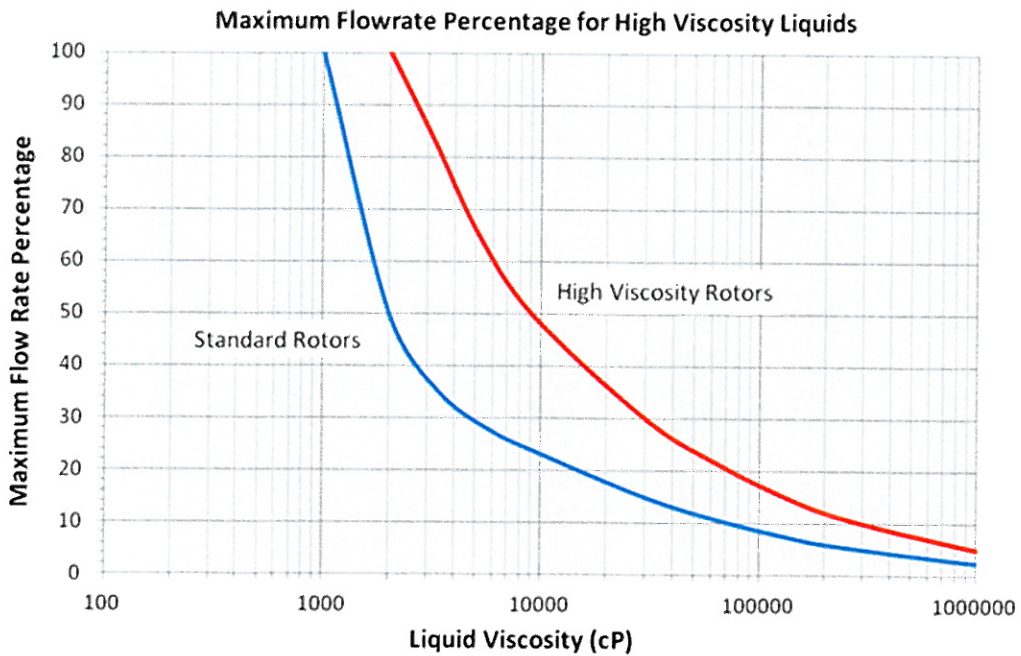


*Flow rate de-rating
guide for PD meters*

Viscosities	Maximum flow multiplier for PD meters		
	Standard oval gear	Special cut oval gear	Oscillating piston
less than 1,000 cp	1.00	1.00	1.00
2,000 cp	0.50	1.00	1.00
4,000 cp	0.42	0.84	0.90
6,000 cp	0.33	0.66	0.80
8,000 cp	0.25	0.50	0.70
30,000 cp	0.15	0.30	0.60
60,000 cp	0.12	0.25	0.50
150,000 cp	0.10	0.20	0.40
250,000 cp	0.05	0.10	0.15
1,000,000 cp	0.025	0.05	0.08



Example: For a 1" OM025 Oval Gear meter with standard rotors measuring a 5000cP liquid, the maximum flow rate from the chart above is 30%. As the normal maximum flow rate for a 1" OM025 flowmeter is 40 GPM, the de-rated maximum flow becomes 12 GPM. By referring to the curve for high viscosity rotors, you can see that this can be increased to 66% (26 GPM) by using high viscosity rotors.