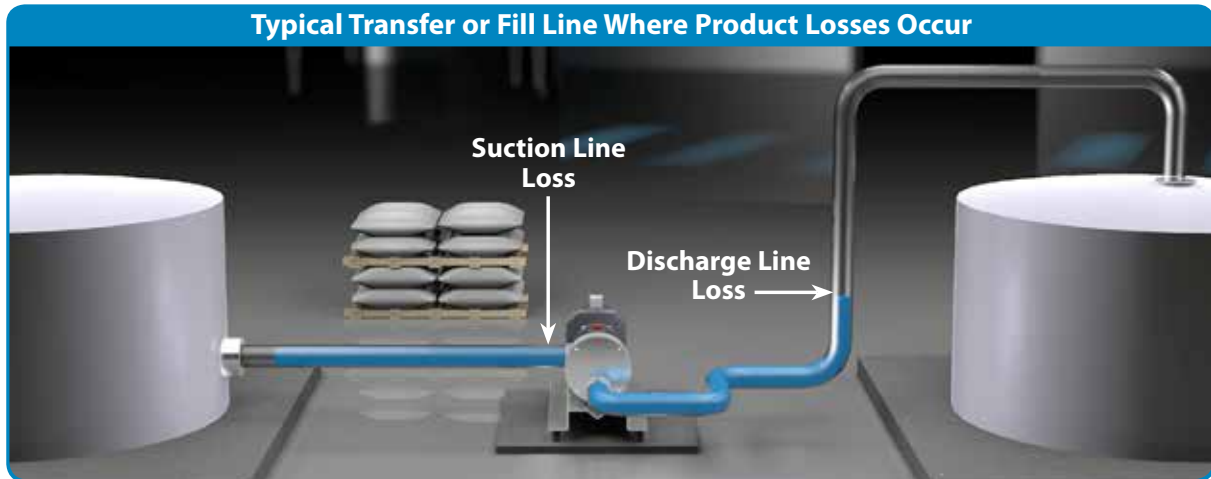




Product Recovery Equals Big Savings

Now is the time to install Mouvex Seal-less Eccentric Disc Pumps to minimize product waste and dramatically improve production yield.



Calculate Your Savings

- ☐ **Suction and Discharge Line Losses**
with Mouvex's product recovery capabilities on both suction (self priming) and discharge (compressor effect) capability:

Table 1

Size		Volume	
OD inch	OD mm	Gallon/ Foot	Liters/ Meter
1.0	25	0.03	0.38
1.5	38	0.08	0.95
2.0	51	0.14	1.77
2.5	63	0.23	2.85
3.0	76	0.34	4.17

Estimated Product Cost* per gallon or liter = _____

* Ideally to include sale value and disposal cost

Inlet / Suction Line	
Length of Inlet Tube	
Volume (Multiply from Table 1)	
% Nominal Recovery* 95%	
Cost (Volume x % x Cost/Unit)	

*Typical recovery on suction is 90-98%+

Discharge Line	
Length of Outlet Tube	
Volume (Multiply from Table 1)	
% Nominal Recovery* 80%	
Cost (Volume x % x Cost/Unit)	

*Typical recovery on discharge 50%-90%+

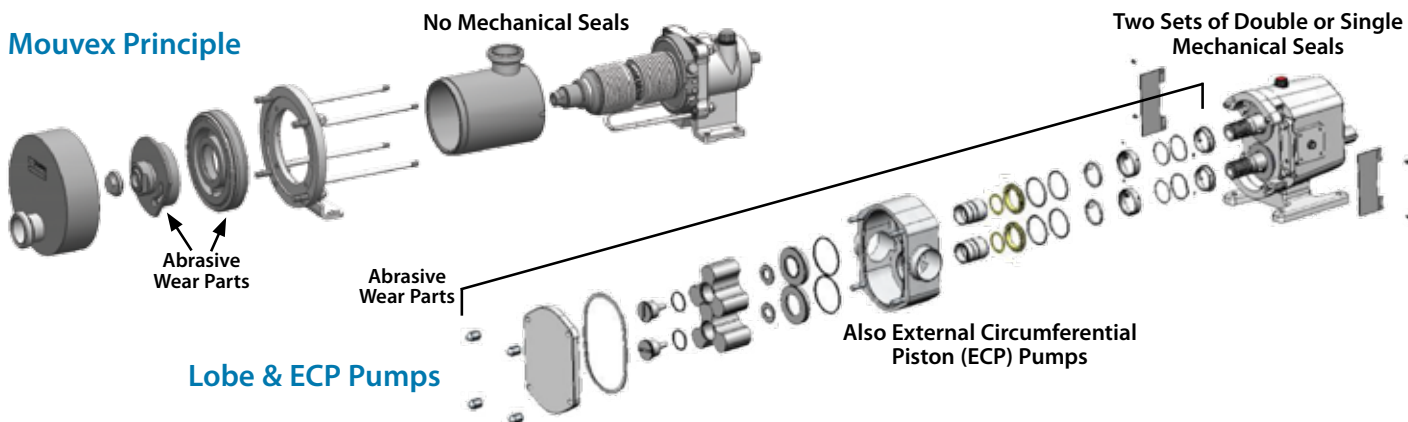
$$\frac{\text{_____}}{\text{time x _____}} \times \frac{\text{times}}{\text{year}} = \$ \frac{\text{_____}}{\text{year}}$$



Additional Savings Eccentric Disc Pumps



Mouvex Principle



☐ Seal Replacement Costs:

Mouvex seal-less design will assist with difficult to seal applications

$$\text{_____ times per year} \times \text{_____ /seal set} = \text{_____}$$

(typical \$1,000-\$2000+ per set)

☐ Seal Water Flush Costs:

Mouvex seal-less design does not require/use water or other flush

$$\text{_____ volume/hour} \times \$ \text{_____ /volume} \times \text{_____ hours/year} = \text{_____}$$

(volume is liters or gallons) (typical US\$10K-20K/year in USA per pump)

☐ Pump Rebuild Cost:

For Mouvex, the cover/casing are not wear tems. Disc/cylinder are auto adjusting for wear.

$$\text{_____ times per year} \times \text{_____ cost} = \text{_____}$$

Mouvex replaces some pumps that have to be rebuilt as much as twice per year at 70% the cost of new.

☐ Power Consumed:

Because of essentially no slip, Mouvex power is not wasted.

$$\text{_____ extra kW} \times \$ \text{_____ kW/hr} \times \text{_____ hours/year} = \text{_____}$$

(For typical low viscosity applications, Mouvex uses 0.2kW to 1.5kW+ less power for applications that produce slip with lobe or ECP pumps) (1 hp = 0.75 kW)

☐ Summary:

$$\text{Subtotal Reduction in Cost of Ownership} = \text{_____}$$

$$\text{Subtract Rebuild of Mouvex} \text{_____} - 70\% \text{ rebuild cost/years until rebuild} = \text{_____}$$

$$\text{Estimate Net Value of Pump Upgrade to Organization} = \text{_____}$$

Caution: Average values are noted from field applications; these values are not contractual and must be determined for specific situation. The assurance in that the savings will provide faster than normal payback.



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