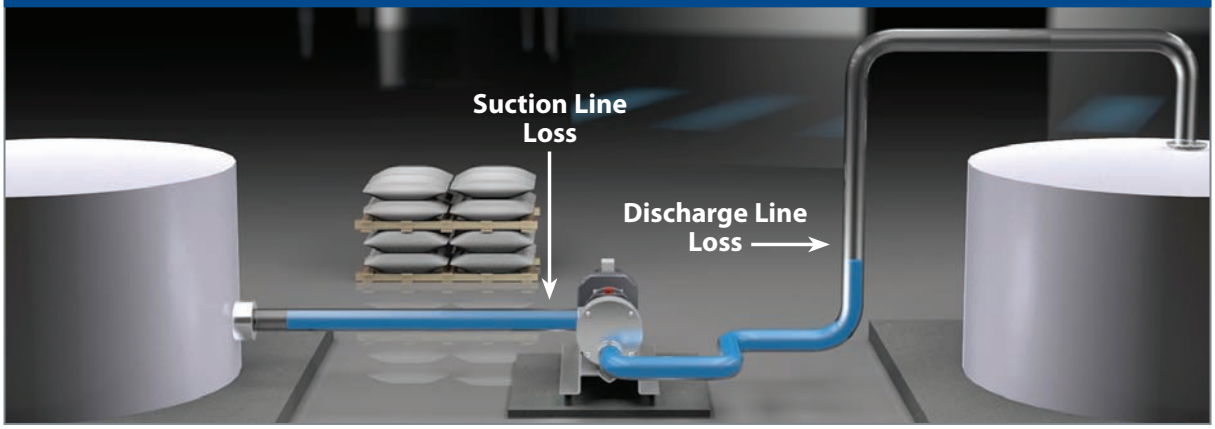
MOUVEX

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.

Typical Transfer or Fill Line Where Product Losses Occur



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%+*

+

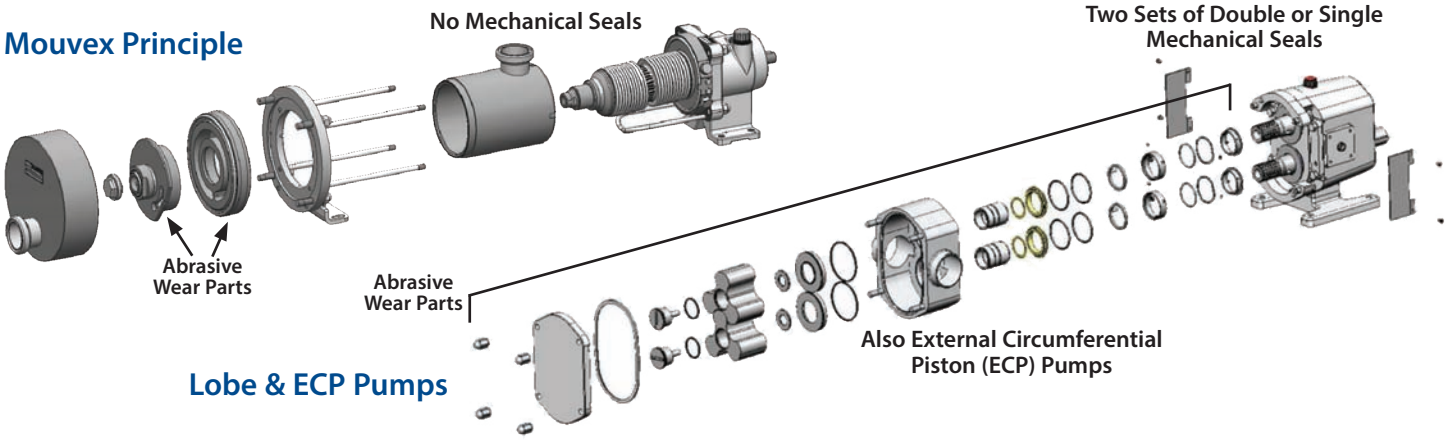
Discharge Line	
Length of Outlet Tube	
Volume (Multiply from Table 1)	
% Nominal Recovery* 80%	
Cost (Volume x % x Cost/Unit)	

**Typical recovery on discharge 50%-90%+*

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

Additional Savings
Eccentric Disc Pumps

Mouvex Principle



❑ **Seal Replacement Costs:**
Mouvex seal-less design will assist with difficult to seal applications

____ times per year x _____ /seal set = _____
(typical $1,000-$2000+ per set)

❑ **Seal Water Flush Costs:**
Mouvex seal-less design does not require/use water or other flush

____ volume/hour x $ _____ /volume x ____ hours/year = _____
(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 items. Disc/cylinder are auto adjusting for wear.

____ times per year x _____ cost = _____
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.

_____ extra kW x $ _____ kW/hr _____ hours/year = _____
(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:**

Subtotal Reduction in Cost of Ownership = _____

Subtract Rebuild of Mouvex _____ – 70% rebuild cost/years until rebuild = _____

Estimate Net Value of Pump Upgrade to Organization = _____

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.

PSG a DOVER company

MOUVEX®

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