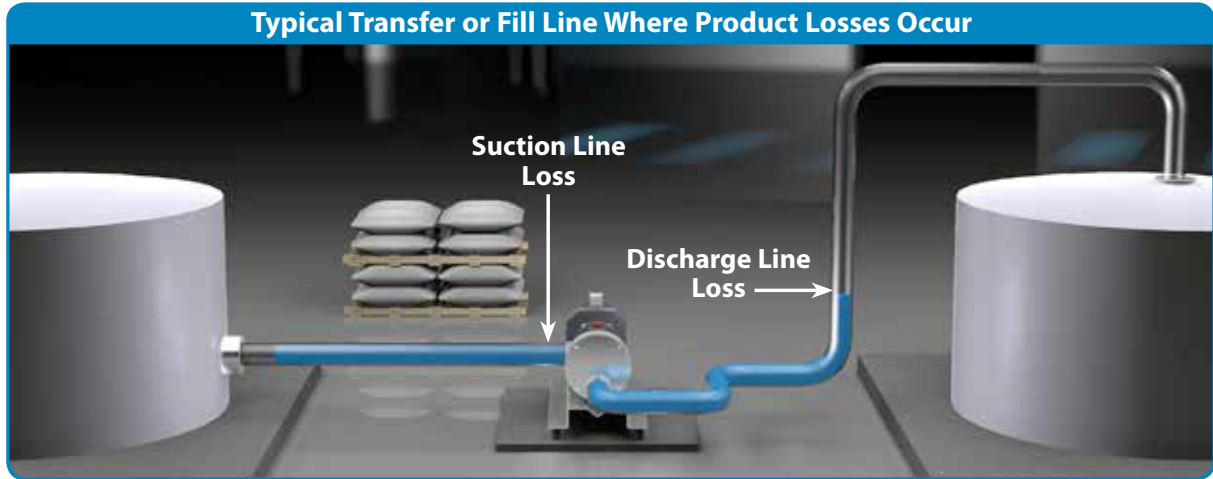




Product Recovery Equals Big Savings

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%+

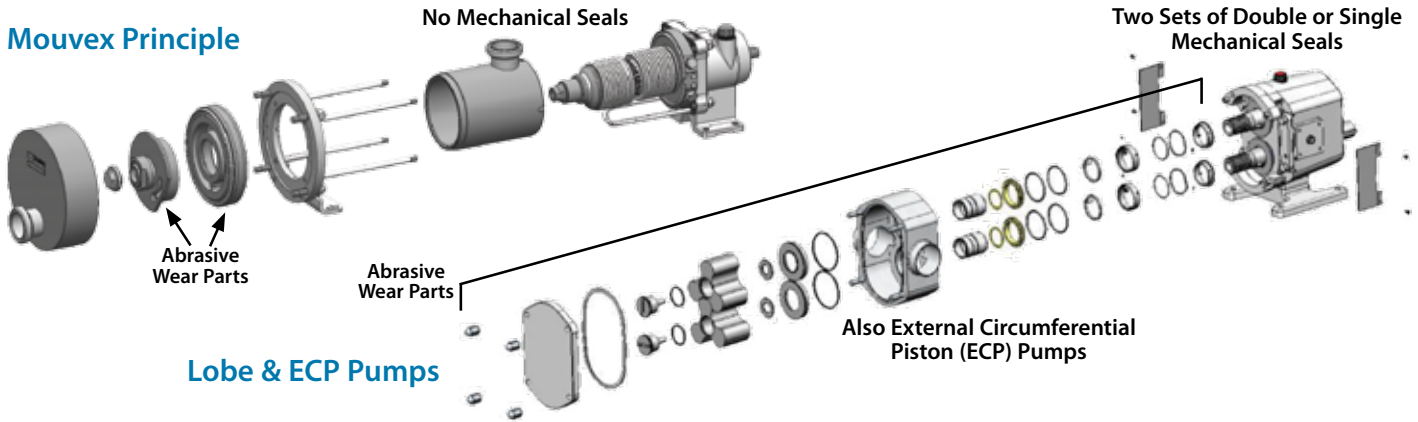
_____ / time x _____ $\frac{\text{times}}{\text{year}}$ = \$ _____ / year



Additional Savings Eccentric Disc Pumps



Mouvex Principle



Seal Replacement Costs:

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

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

(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:

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.



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