

Leaks waste money

COMPRESSED AIR LEAKS

Leak size (inches)	Total cost per month	Total cost per year
1/32	\$ 13	\$ 155
1/16	\$ 52	\$ 628
1/8	\$ 209	\$ 2,512
1/4	\$ 837	\$ 10,049
3/8	\$ 1,884	\$ 22,610

Based on 100 psig, 6,000 annual operating hours, blended electricity rate of \$0.08kWh and compressed air generation requirement of approx. 33 kW/100 cfm.

STEAM LEAKS

Leak size (inches)	Total cost per month	Total cost per year
1/32	\$ 10	\$ 120
1/16	\$ 40	\$ 481
1/8	\$ 160	\$ 1,924
1/4	\$ 641	\$ 7,699
3/8	\$ 1,443	\$ 17,323

Based on 70 psig, 6,000 annual operating hours, steam cost of \$10.00/1,000 lbs.

OIL LEAKS

Drops per second	Daily loss		Monthly loss		Yearly loss	
	Litres	Dollars	Litres	Dollars	Litres	Dollars
1	2.6	\$ 11	78.0	\$ 344	949.0	\$ 4,194
2	5.2	\$ 22	156.0	\$ 689	1,898.0	\$ 8,389
3	7.8	\$ 34	234.0	\$ 1,034	2,847.0	\$ 12,583
4	10.4	\$ 45	312.0	\$ 1,379	3,796.0	\$ 16,778
5	13.0	\$ 57	390.0	\$ 1,723	4,745.0	\$ 20,972

Cost per litre estimated at \$4.42 CAD. Cost of environmental damage not included.