

# RETURN OF INVESTMENT

(Example CNC Machines with 55 Gallon Coolant Tank)

	Description	Unit	Example
<b>PURCHASE</b>			
1.	Water-Miscible Cutting Oil	(gal/year)	55
2.	Purchase Price	(\$/gal)	\$21.30
3.	Total Purchasing Cost	(\$/year)	\$1,171.50
<b>Disposal</b>			
4.	Coolant Ratio	(%)	5
5.	Coolant Usage	(gal/year)	1100
6.	Waste Disposal Cost (\$150 / 55gal Drum)	(\$/ gal)	\$2.75
7.	Total Waste Disposal Cost	(\$/year)	\$3,025.00
<b>Operating Cost</b>			
8.	Maintenance Cost		
	a) Machine Down-Time	(\$/hr)	\$85.00
	b) Labor Cost	(\$/hr)	\$45.00
9.	Frequency of Coolant Change		
	a) Coolant tank size per Machine	(gal)	55
	b) Coolant Life	(month)	4
	c) Frequency of Change	(freq/year)	20
10.	Total Operating Cost	(\$/year)	\$2,600.00
11.	Total Expenses for Coolant	(\$/year)	\$6,796.50
<b>Cost for FLEXO Oil-Skimmer 40.410</b>			
12.	Capital Expense	(\$)	\$849.50
<b>Operating Cost</b>			
13.	Interest	(\$/year)	\$29.73
14.	Maintenance Cost	(\$/year)	\$16.99
15.	Operating Cost	(\$/year)	\$46.72
<b>Savings</b>			
16.	Coolant Life Increase by 35%	(\$/year)	\$2,378.78
17.	Net Savings	(\$/year)	\$2,332.05
<b>Return of Investment</b>			
18.	Amortization	(year)	0.4
<b>Estimated Savings per Machine</b>			
19.	1st Year	(\$/year)	\$1,482.55
20.	2nd Year	(\$/year)	\$2,332.05
21.	3rd Year	(\$/year)	\$2,332.05
<b>3 Years Estimated Savings for a Shop with 10 Machines using FLEXO Oil-Skimmer on Each Machine</b>			<b><u>\$61,466.58</u></b>