



Worksheet to size Lube Oil System Accumulator (LOSA)

Parameters	Your System Values	
GPM=Flow rate required for operation		GPM
Time duration for the given GPM		Seconds
Fluid type		
Temperature of fluid		deg F
Vx= (Volume of oil required) If not known, it can be calculated		Gal
V1=(Volume of accumulator required) To be calculated		Gal
P1=(Pre-charge pressure, normally 70-80% of P3)		Psi
P2=(Maximum working pressure)		Psi
P3=(Minimum working pressure)		Psi
Shell material desired (Carbon steel or stainless steel)		CS/304/316
Bladder Material (Buna-nitrile, standard for lube oil)		Buna-n Standard
Certification (ASME/CE/SQL/CRN/NR-13)		ASME Standard
Mounting style (Flange/NPT)		Type and size
Other Info:		

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