

Flow-Mon Limited

Applications for Switch and Indicator

<u>Plant</u>	<u>Application</u>
Compressors	Water Cooling
Stone Crushers	Lubrication Monitoring - even with vibration
Welding	Water cooling electric transformer and welding tips on larger machines
Vacuum Pumps	Correct the amount of flow of water. Vacuum pumps works best with constant amount. 2 switches high and low.
Machine Tools	Generally 4EE (4-wire switch) enabling Engineers to cut out machine if lube fails. All types of machines, more especially transfer machines.
Cryoplant Air Conditioning Refrigeration	Monitoring Flow.
Induction Furnaces	Water Cooling and keeping circuits balanced
Steel Works Arc Furnace Concast Plants	Roll Lubrication, especially carbon bearing –water cooled. Water cooling in general.
Pump Manufacturers	Where more than one pump is in battery – quick way to check all are performing properly.
Mining	Pumping water out.
Oil Field Burners	Blocked Jets
Chemical Plants	Heat Exchangers
Paper Mills	Lube Line, especially Crown Roll.
Lazer Beam	water cooling
Paint	Monitoring flow – car plants
Shipping	Many applications – as Flow-Mon units work if ship is rolling

Applications for Flow Switches

Blast Furnace	W
Electric Arc Furnace	W
Oxygen Lances	W
Vacuum Brazing Furnace	W
Stone Crushing	L
Welding Machines	W
Filters	W
Injection Moulding Machines	W
Machine Tools	L H
Rolling Mills	L
Dye Houses	W
Transmission and Gears	L
Effluent Treatment Plants	W
Scrubbers	W
Chemical Applications	V
Breweries	W
Pump units	L W
Mining	W
Smokeless Fuel Plants	W
Generating Stations	W
Sugar Refining	W
Water Treatment	W
Nuclear Power	W
Rubber Moulding	W
Coke Ovens	W
Ore Mining	W
Cement manufacturing	W
Aluminium Rolling and Smelting	L
Diesel Engines	L
Foundries	W
Induction Heating	W
Mechanical Seals	L W
Paper Manufacturers	L W
Refrigeration	W
Chocolate Manufacturers	W
Marine Engineering	L W
Soap & Detergent manufacturing	V
Whisky Distillery	W
Furnace – Oil Firing	L
Railroad – test house – hydraulics	H

H = Hydraulics

W = Water

V = Various

L = Lubrication