

New deal LUBRICATOR



Lubricator with high lubrication stability.

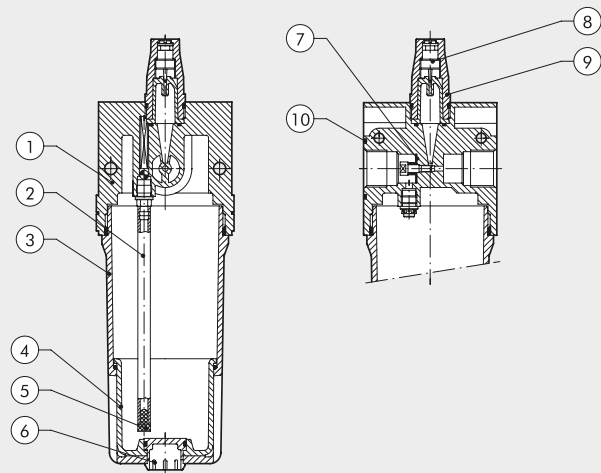
- Quantity of lubricant proportioned to air flow
- Micrometric regulation of lubricant flow
- Activates at low flow rates
- All-round oil level viewing



TECHNICAL DATA		LUB ND 1/4"	LUB ND 3/8"	LUB ND 1/2"	LUB ND 3/4"	LUB ND 1"
Threaded port		1/4"	3/8"	1/2"	3/4"	1"
Type of lubrication		Mist	Mist	Mist	Mist	Mist
Bowl capacity	cm ³	50	150	380	380	380
Max. inlet pressure	MPa	1.8	1.8	1.8	1.8	1.8
	bar	18	18	18	18	18
	psi	261	261	261	261	261
Flow rate at 6 bar (0.6 MPa to 87 psi) ΔP 0.5 bar (0.05 MPa to 7 psi)	Nl/min	700	3000	12800	12800	12800
	scfm	25	107	452	452	452
Flow rate at 6 bar (0.6 MPa to 87 psi) ΔP 1 bar (0.1 MPa to 14 psi)	Nl/min	1100	4300	16000	16000	16000
	scfm	39	153	565	565	565
Max temperature at 1 MPa; 10 bar; 145 psi	°C	50	50	50	50	50
	°F	122	122	122	122	122
Weight	kg	0.4	0.9	1.3	1.3	1.3
Wall fixing screws		M4 x 40	M4 x 55	M6 x 75	M6 x 75	M6 x 75
Mounting position		Vertical				
Fluid		Filtered compressed air				
Note on use:		• Use the screw provided to set the drip rate to drop every 300-600 Nl. • Fit the lubricator as close as possible to the point of use • Fill the bowl with oil before pressurizing the system • Do not use cleaning oil, brake fluid or solvents in general				
		• Recommended lubricants: ISO and UNI FD22 - E.g. Energol HLP 22 (BP) - Spinesso 22 (Esso) - Mobil DTE 22 (Mobil) - Tellus Oil 22 (Shell)				

COMPONENTS

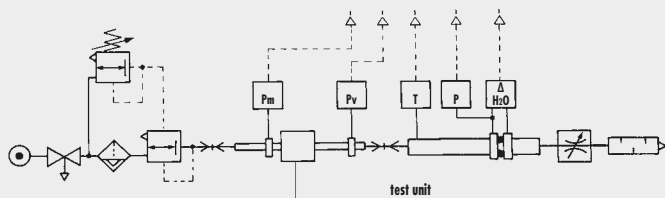
- ① Zamak body
- ② Rilsan® oil suction pipe
- ③ Aluminium bowl
- ④ Clear technopolymer bowl
- ⑤ Filter
- ⑥ Technopolymer plug
- ⑦ Venturi NBR diaphragm
- ⑧ OT 58 brass oil flow regulation needle
- ⑨ Clear technopolymer cover
- ⑩ NBR gaskets



FLOW CHARTS



**Department
of Mechanics**
Turin Polytechnic



• Flow tests carried out at the Department of Mechanics, Turin Polytechnic, using the computerized test bench following CETOP RP50R recommendations (ISO DIS 6358-2-approved) with ISO 5167 diaphragm gauge.

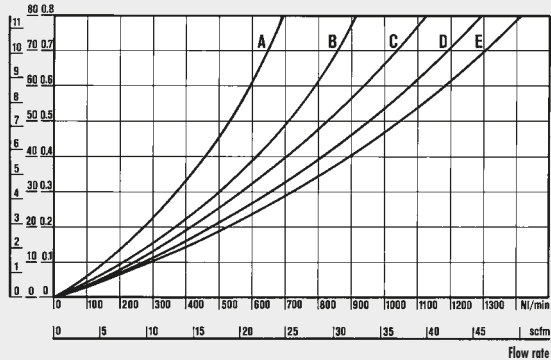
(A) = 2 bar - 0.2 MPa - 29 psi
(B) = 4 bar - 0.4 MPa - 58 psi
(C) = 6 bar - 0.6 MPa - 87 psi

(D) = 8 bar - 0.8 MPa - 116 psi
(E) = 10 bar - 1 MPa - 145 psi

LUB 1/4

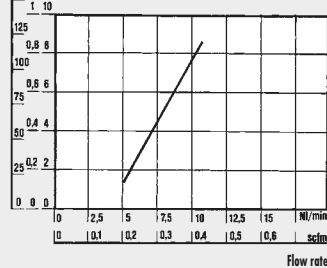
$$\Delta P = (P_m - P_v)$$

psi kPa bar



Pm

psi kPa bar

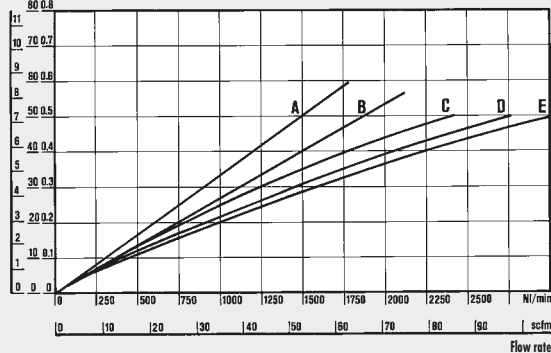
MINIMUM ACTIVATION
FLOW CHARTS

The minimum activation flow charts were carried out in compliance with ISO/DP 6301/2

LUB 3/8 - 1/2

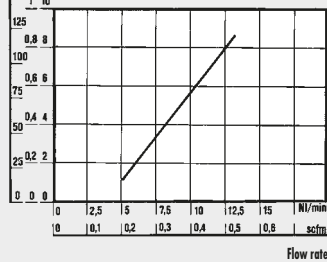
$$\Delta P = (P_m - P_v)$$

psi kPa bar



Pm

psi kPa bar

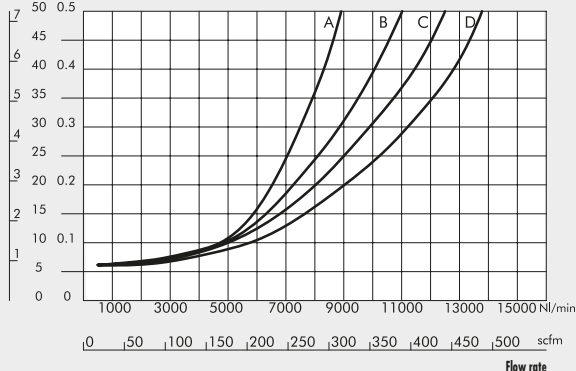
MINIMUM ACTIVATION
FLOW CHARTS

The minimum activation flow charts were carried out in compliance with ISO/DP 6301/2

LUB 3/4 - 1"

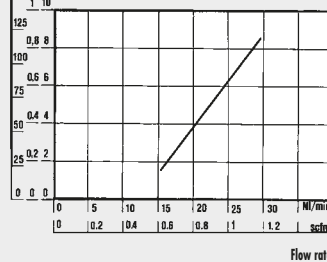
$$\Delta P = (P_m - P_v)$$

psi kPa bar



Pm

psi kPa bar

MINIMUM ACTIVATION
FLOW CHARTS

The minimum activation flow charts were carried out in compliance with ISO/DP 6301/2

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Code	Description
1223001	LUB 1/4
1323001	LUB 3/8
1423001	LUB 1/2
1523001	LUB 3/4
1623001	LUB 1