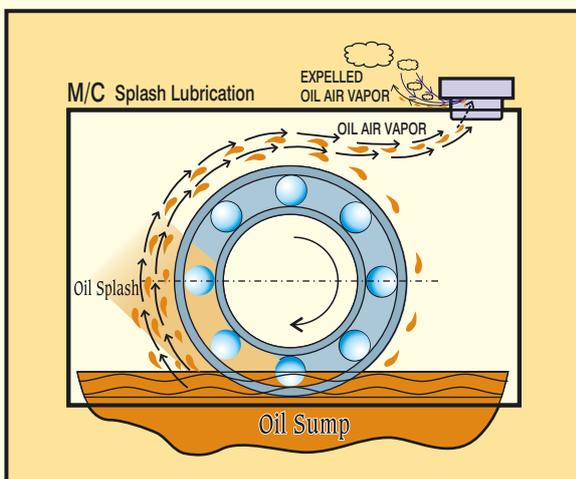


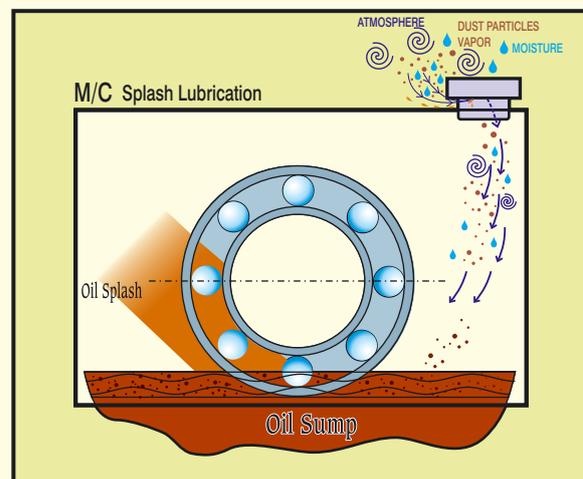
# J.HOOK, DESSICANT - FILTER BREATHER



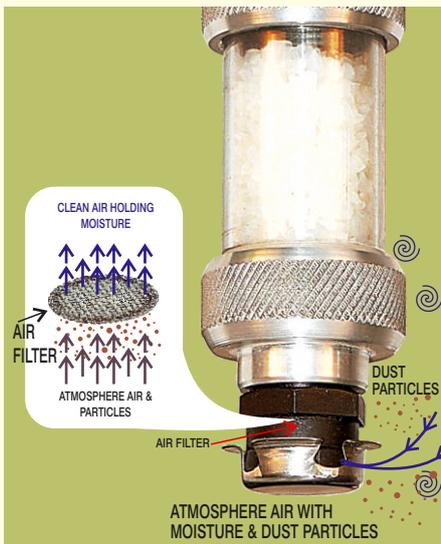
In any oil lubricated machine because of constant Splashing, part of the oil gets converted to oil Airvapour and is expelled through the Breather/Vent. There is a volume to volume replacement of this expelled oil-Air vapour by Atmospheric Air. Ref. Fig- 1(a), 1(b) If Atmosphere Air contains contaminants like **PARTICULATE MATTER OR MOISTURE**, these enter the equipment thus contaminating the oil. This contaminated oil needs, FREQUENT REPLACEMENT or else they cause a PREMATURE BREAKDOWN. It is thus IMPERATIVE THAT NO ATMOSPHERIC contaminants ENTERS the equipment. Our J- Hook desiccant Filter Breather offers a simple, safe and extremely COST-EFFECTIVE solution.



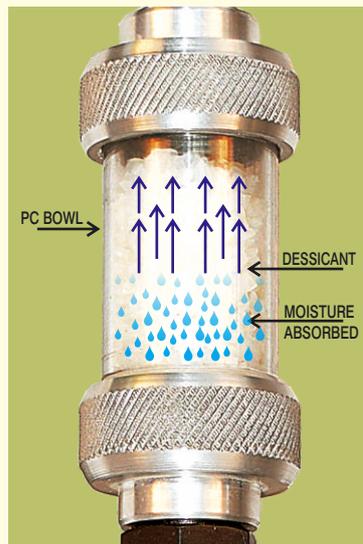
Ref. Fig. 1(a)



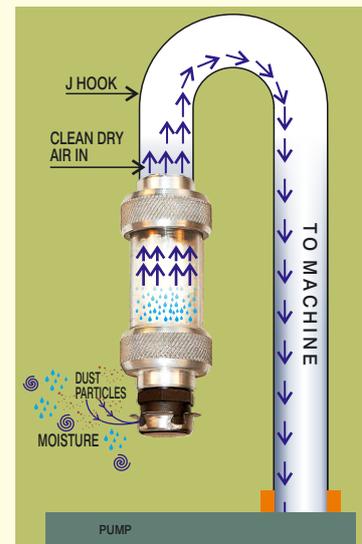
Ref. Fig. 1(b)



Ref. Fig. 2



Ref. Fig. 3



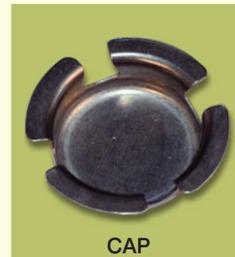
Ref. Fig. 4

**WORKING PRINCIPLE**

**A)** Atmospheric Air trying to replace expelled oil Air Vapour first enters the Shielded Breather Plug which has a built in Filter carriage. Ref. Fig- 2. **B)** This Filtered Air then enters the desiccant, where all moisture is absorbed. The desiccant changes its colour once it is saturated. Ref. Fig- 3. The bowl containing dissident is clear Polycarbonate and openable. Desiccant can be replaced.



Ref. Fig. 5 (a)

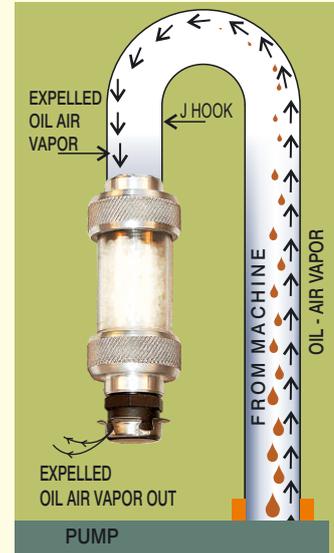


Ref. Fig. 5 (b)

**C)** We thus have Clean Dry. Air entering the machine. Ref. Fig - 4. **D)** The filter cartridge is made from SS wire mesh with a Borosilicate paper Filter (Capacity 10 microns). This Cartridge is replaceable. The cap is push Fit design Ref. Fig. 5 (a) 5 (b)

**WHY J-HOOK?**

It acts like a Chimney. The oil Air Vapor rises up, hits a restriction in the J Hook and some part of oil comes back to the machines. Thus loss of oil is restricted. Ref. Fig - 6. The dessicant is neutral to oil air vapor.



Ref. Fig. 6

**THIS DEVICE IS A ONE TIME INVESTMENT** -Filter cartridge and desiccant are consumables.

**Application Areas:** (a)Pumps (b) Gear Boxes (c) Compressors (d) Other oil lubricated machines. The product is excellent for Industries based on **SEA-COAST** and also for Industries having **DUSTY ENVIRONMENT**. (Cement, Mining, Thermal Power etc.)

**MODEL SELECTION CHART**

Model	Blowers			MOC	
	Threadsize	Tube	Adaptor	Bowl	Plug
JHFB - 1(o)	1/2" BSP	Carbon Steel (CS)	CS*	Polycarbonate	CS*
JHFB - 1(a)	1/4" BSP	"	"	"	"
JHFB - 1(b)	3/8" BSP	"	"	"	"
JHFB - 2	3/4" BSP	"	"	"	"
JHFB - 3	1" BSP	"	"	"	"

CS\* : Chroma plated/nitrided

Mfd. By:

**EKTA ENTERPRISES**  
 Works : 438/2, G.I.D.C. Makarpura, Baroda-390 010 . (INDIA)  
 Ph. No. : 91-265-2649927  
 e-mail : info@ektaenterprises.in, ektaenterprises002@gmail.com  
 www.ektaenterprises.in

**AUTHORISED DEALER :**