

Self Suction type Lubrication system (Self suction type lubrication require no prime pump work)

Viscon developed new lubrication system which not require priming pump. (Japan Patent No. 6363571)

Conventional viscosity controller



Notice label for lubrication system

Oil tank becomes empty
↓
Refill oil
↓
Priming lubrication pump
Normally operator can not prime lubrication pump, because they are busy with printing.
↓
Not lubricating oil
↓
Parts of pump are worn out
↓
Viscosity controller will be not accurate, or breakdown

Viscon viscosity controller

Oil tank becomes empty
↓
Refill oil
↓
Auto Lubrication (No necessary to prime pump because of self suction)

Only refilling oil is OK. Not necessary priming lub. pump.

Operator are free from a bother priming pump.
Steady auto lubrication leads to decrease of pump breakdown, and long time steady and high accurate operation of viscosity controller.

Pulsation of Diaphragm pump of viscosity controller

1 hour		9,000
1 day	8 hours	72,000
1 month	23 days	1,656,000
1 year		19,872,000
3 years		59,616,000
5 years		99,360,000

Worn out pump parts by No lubrication.



- 1 No lubrication brings poor accuracy and breakdown of viscosity controller. Diaphragm pump plays a roll of sensor in viscosity controller. No lubrication to diaphragm pump for 3 months makes pump parts to be worn out, lead to decrease accuracy of viscosity controller markedly.
- 2 Operator are busy with printing job. Priming lub. pump is completely different work. Operator are opt to refill oil only, not do priming pump such as troublesome work. (Especially as for overseas customers operator, just refilling oil, not do priming pump. — According to our reserch and data from our overseas agent and customers)
- 3 Pulsation of viscosity controller diaphragm pump is 20 million times/ 1 year, 60 million times /3 years, and 100 million times/5 years. (Calculation by 8 hour operation/day) Perfect and steady lubrication come true proper operation of viscosity controller.

Viscon (Japan) Corp. Official Blog "What is viscosity controller ? " [What is viscosity controller ? \(visconjapan.com\)](http://www.visconjapan.com/)
Viscon Group Official Website <http://www.viscon-group.com/>