

## Re: release of ring

---

*Source:* <http://sci.tech-archive.net/Archive/sci.techniques.microscopy/2007-12/msg00055.html>

---

- *From:* "Mars" <[formulam@xxxxxxxxxxxx](mailto:formulam@xxxxxxxxxxxx)>
  - *Date:* Thu, 20 Dec 2007 17:03:48 GMT
- 

First I'd try applying a little %70 or %99 isopropyl alcohol (rubbing alcohol). DO NOT USE GASOLINE/PETROL! Gasoline stinks, is highly flammable and contains numerous other chemicals and deposits all of which are not good for any lense system. It will also leave a residue behind.

Apply a drop or two of alcohol and gently try moving the ring back and forth. If you can get a littly movement, then apply a few more drops of alcohol and move the ring back and forth again. Repeat until you are satisfied with the results.

If you can not get it to move, then it must be repaired by a professional or a competent amateur.

Good Luck.

"Kevin Cunningham" <[smskjc@xxxxxxxxxxxxxxxx](mailto:smskjc@xxxxxxxxxxxxxxxx)> wrote in message  
[news:b767338c-165f-42b2-b02d-99787127bac1@xx](mailto:news:b767338c-165f-42b2-b02d-99787127bac1@xx)

On Dec 20, 4:08 am, heini <[buerg...@xx](mailto:buerg...@xx)>  
wrote:

Hi Daniel,  
I guess that some immersion-oil is in the ring. Use gasoline. There is a long discussion about which gasoline to use on microscopes some weeks ago.

yours, heini

Heini and Daniel, Your right but wrong. Its not that oil got in the objective, its that there is no oil left in the grease.

Grease is made up of a binder and an oil, in natural lubricants that Olympus uses that oil will dry up after 5 years or so. I'll bet this one is as dry as a bone. I'd take it to your local microscope repair person and let him fix it, if you don't have the tools or training

Re: release of ring

this one could get tricky.

Thanks,

Kevin Cunningham  
SMS