

Closed System Kit

Pressure differential between the equipment housing and surrounding atmosphere is the leading cause of moisture ingress. Equipment operation where housing temperature fluctuations occur during frequent on/off running conditions, process fluid temperature changes, outdoor use, and air flow over the equipment create a "breathing" condition as pressure is equalized.

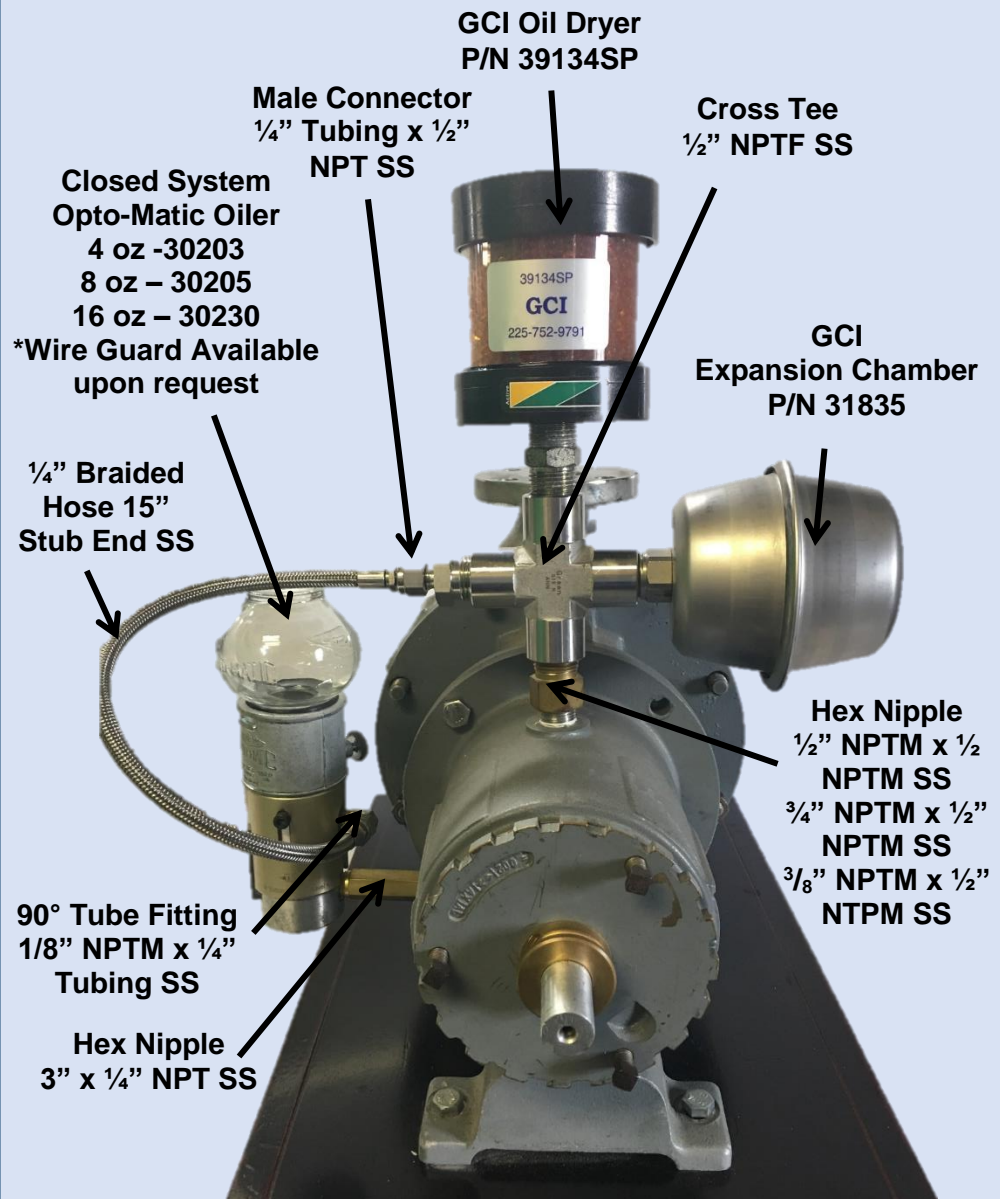
This "breathing" condition allows moisture to be introduced into the equipment causing the oil to absorb it at a variable rate depending on temperature, oil type, and lubricant agitation. The Closed System kit is used to minimize the detrimental effects of equipment "breathing."

The Closed System Opto-Matic® Oiler will provide reliable constant level lubrication by sharing the air located in the bearing housing. The expansion chamber will add volume to the bearing housing so that temperature swings do not permit venting between the bearing housing and outside air. The GCI Oil Dryer removes moisture in the form of humidity that may enter through a seal or other vented source.



GCI

Reliability Centered Solutions



7756 Pecue Lane • Baton Rouge, LA 70809-5109
P.O. Box 83657 • Baton Rouge, LA 70884-3657
Office: 225.752.9791 • Fax: 225.751.0143
www.gcibr.com