

Stationary cylinder

for static oil compatibility tests, Freudenberg, Flender gear units

NBR and FKM materials are used for sealing Flender gearboxes from Siemens. Lubricants to be used in this type of gearbox must pass static and dynamic compatibility tests with the above materials before use. This stationary cylinder can be used for the static tests.

For this purpose, the NBR and FKM materials are freely suspended and completely immersed in the oil. The ground-glass lids and suitable ground-glass grease are used to seal the glasses almost airtight.

For the evaluation of the compatibility, changes in hardness, tensile strength, elongation at break and volume of the NBR and FKM materials are investigated.

The tests are to be carried out and evaluated in accordance with Form FB 73 11 008 issued by Freudenberg Sealing Technologies.



Article No.: L5293305

Material: Clean Save laboratory glass, Blue Line Series

Scope of delivery:

- Stand cylinder D.80 x 5 x 150 mm
- Cover plate D. 90 x 3.3 mm, sandblasted on one side.

Normative references:

- BS ISO 1817:2022-06-20 Rubber, vulcanized or thermoplastic. Determination of the effect of liquids
- DIN ISO 1817:2016-11 Elastomers or thermoplastic elastomers - Determination of behaviour towards liquids
- DIN ISO 1817:2008 Elastomers or thermoplastic elastomers - Determination of behaviour towards liquids