

Test Laboratory Approval

valid until: 24 - October - 2029

The test laboratory iLF Magdeburg GmbH
 Fichtestraße 29
 39112 Magdeburg
 Germany

hereby gets the approval to execute the below highlighted tests for gear oil approvals for FLENDER gear units according to FLENDER-Specification (AS 7300) and to evaluate the results.

- FZG-Scuffing test acc. DIN ISO 14635-1 (A/8,3/90)
- Double speed FZG scuffing test on the basis of DIN ISO 14635-2 (A10/16.6R/90 and A/16,6/90)
- FE-8 rolling bearing test acc. DIN 51819-3 (D-7,5/80-80)
- FVA micropitting test FVA 54 VII
- Flender-oil-foam-test in acc. ISO 12152
- Compatibility with inner coating
- Compatibility with outer coating
- Filterability test FFT 7300
- Compatibility with liquid sealing compound
- Compatibility with elastomers - O-Ring static test
- Compatibility with elastomers - RSS static test
- Compatibility with elastomer seals: Dynamic tests

The above mentioned laboratory is certified and has proved its qualification towards Flender FLE TI T&FN.

Created by Arnd Bollwerk, TI T&FN, Flender GmbH, Bocholt, 27.11.2024

Checked by:

Approved by: