

Test Laboratory Approval

valid until: 16 - November - 2028

The test laboratory **OPR Group GmbH**
 Kleinbottwarer Str. 1
 71723 Großbottwar
 Germany

hereby gets the approval to execute the below highlighted tests for gear oil approvals for FLENDER gear un 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, 17.11.2023

Checked by:



Dr. Christoph Bugiel
Flender GmbH
FLE TI T&FN

Approved by:



Dr. Tim Sedeck
Flender GmbH
FLE TI