

# FLENDER GEAR UNITS

## Approval of Gear Oil

No. A-CI-20160208

**Date of expire: 27 July 2020**

under the prerequisite that by Siemens no negative distinctive features of the oil were stated in the field.

For the gear oil  
with the base oil

**Citgear WT 320**

**Proprietary Blend**

with a viscosity range of  
for sale by the company

**ISO VG 320 - 320**

**Citgo Petroleum Corporation**

the compliance with the CLP quality in accordance with DIN 51517-3 is guaranteed by the selling company. The selling company has had performed the following tests according to the

### **Specification of oil approvals for FLENDER gear units , Rev. 15 for Helical-, Bevel-, Worm-, Planetary- and Marine gear units**

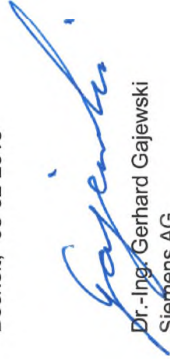
with the mentioned oil. The test results were presented to Siemens.

- FZG scuffing test (A/8.3/90) in accordance with DIN ISO 14635-1
- FE-8-rolling bearing test (D-7,5/80-80) in acc. with DIN 51819-3
- Filterability test in accordance with test description FFT 7300
- Compatibility with internal coatings used in Flender gear units
- Compatibility with liquid sealing compound
- Compatibility with elastomer seal material - static test & dynamic test -
- Flender oil foaming test according to test description GG-V 425 and ISO 12152
- Micropitting test in accordance with FVA 54 VII
- Double speed FZG scuffing test A/16.6/90 similar like DIN ISO 14635-2

According to the presented test results, the conditions demanded by Siemens were satisfied. We recommend the using of the above mentioned oil for our following gear units:

### **Helical-, Bevel- and Planetary gear units**

Bocholt, 08-02-2016

  
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