

FLENDER GEAR UNITS

Reblend Approval

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Nr.: ASAA13-20250826-449

Valid until: 31.01.2030

Under the prerequisite that by Flender no negative distinctive features of the oil were stated in the field

For the oil

HITECSYN SMP Series Synthetic Resisting Micropitting Industrial Gear Oils

with the base oil

SpectraSyn Elite 150, SpectraSyn 6, Esterex NP343

with the nominal viscosities ISO VG

150 / 220 / 320 / 460 / 680

produced by

Shanghai HITECRUN Specialty Lubricants Technology Co.,Ltd

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 tests showed in page 2 according to the

Specifications of oil approval for FLENDER-Gear-Units

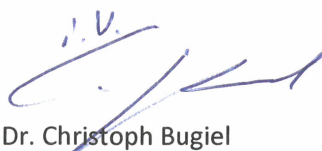
Revision 16,2

According to the presented results, the conditions demanded by Flender were satisfied, we recommend the using of the above mentioned formulation for our following gear units:

A. Helical-, bevel- and planetary gear units

Created by Arnd Bollwerk, TI T&FN, Flender GmbH, Bocholt, 26.08.2025

Checked by:

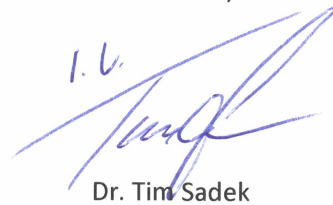


Dr. Christoph Bugiel

TI T&FN

Flender GmbH

Released by:



Dr. Tim Sadek

TI

Flender GmbH

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The following test results were presented:

	Conditions	Norm(s)
Dynamic Elastomer Compatibility Test	75FKM585 / 6 RSS / n = 3000 rpm	-
Dynamic Elastomer Compatibility Test	72NBR902 / 3 RSS / n = 2000 rpm	-
Dynamic Elastomer Compatibility Test	75FKM170055 / 3 RSS / n = 3000	-
FE8-Bearing Test	D-7.5/80-80	-, DIN 51777-2, DIN EN ISO 3104, DIN ISO 2909, DIN ISO
Filterability-Test	Filter 01.E 30.10VG.30.E.P	-
FLENDER-foam-Test	ohne Kontamination	-, ISO 12152
FLENDER-foam-test	+2% Alpha SP 220 S	-
FLENDER-foam-test	+4% Alpha SP 220 S	-
Scuffing-Test	A/8.3/90	-, DIN ISO 14635-1
Micropitting-Test	FVA54 VII, 90°C	-
Static elastomer compatibility O-ring	72 NBR 872	-
Static elastomer compatibility O-ring	80FKM610	-
Static elastomer compatibility O-ring	NBR-7PB496	-
Static elastomer compatibility O-ring	AEM-7DE2138	-
Static elastomer compatibility O-ring	FKM-DF701	-
Static elastomer compatibility RSS	75FKM170055	-
Static elastomer compatibility RSS	72NBR902	-
Static elastomer compatibility RSS	75FKM585	-
Compatibility with liquid sealing	Loctite 128068	-
Compatibility with outer coating	PU6340	-
Compatibility with outer coating	PU5045	-
Compatibility with outer coating	EP4251	-
Compatibility with outer coating	WIEREGEN-DW54-F	-
Compatibility with outer coating	PU6044-M	-
Compatibility with outer coating	WIEREGEN-C130	-
Compatibility with inner coating	Maeder Primer M25	-
Compatibility with inner coating	Uni Primer P22	-
Compatibility with inner coating	Primer EP3152	-