

Product Information

AVENO Gear Ultimate FLD 220

0002-000982



Description

AVENO Gear Ultimate FLD 220 is produced on a basis of high-quality synthetic oils and proven additives. Thanks to its special combination of ingredients, it achieves a stable, high-pressure capacity under impact loads. Due to the low pour point of AVENO Gear Ultimate FLD 220, the cold flow behavior of this product is excellent.

Instructions for use

AVENO Gear Ultimate FLD 220 can be used in every industrial gear that requires the application of a fully synthetic CLP gear oil according to DIN 51517 Part 3. With AVENO Gear Ultimate FLD 220 heavily loaded gears running under temperatures up to 150°C can be lubricated reliably without tarnishing the components made of copper/brass.

Quality classification

Specification

- DIN 51517-1
- DIN 51517-2
- DIN 51517-3
- ISO 12925-1 CKC
- ISO 12925-1 CKD
- ISO 12925-1 CKSMP

Approval

- Flender AS7300 (ADLA23-202593-1014)
- Sumitomo PARAMAX®
- Sumitomo series HP1, HP2, HPP, P4, M4ACC, M5CT
- Eickhoff Gearboxes QSV19.0002
- ZF Industrieantriebe Witten ZN-W-17-145
- ZF TE-ML 27F

Recommendation

- AGMA 9005-F16 AS
- Chinese GB 5903 L-CKC/L-CKD
- Danieli 0.000.001 CKC
- David Brown S1.53.101 Type E
- Fives Cincinnati EP Gear OilLubricants
- Flender AS7300
- GE D50E35
- GM LS 2 EP
- Indian Standard IS 8406
- Renk ZAN 36011
- Schaeffler Step 1 to 4
- Schuler Pressen DT 55055 01.2
- SMS Group SN180-3
- Sumitomo Drive Technologies BUI-TEC-2009-4-001
- U.S. Steel 224
- ZF TE-ML 04H

Properties

- An excellent cold flow behavior
- An excellent wear protection
- Inhibits rust and corrosion
- A stable, high-pressure capacity under impact loads
- A low pour point
- Prevents foam formation

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	214,2	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	27,8	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	167		DIN ISO 2909:2004-08
Appearance	LIGHT YELLOW		VISUELL
Density at 15°C	843	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-51	°C	ASTM D 7346:2015