



RAVENOL Synthetic Wind Turbines SWT 220

Kategorie: Industrial oil

Artikelnummer: 1332409

Viscosity: 150

Specifications: DIN 51517-1, DIN 51517-2, DIN 51517-3, ISO 12925-1 CKC, ISO 12925-1 CKD, ISO 12925-1 CKSMP

Oil type: Full synthetic

Approvals: Eickhoff Gearboxes QSV19.0002, Flender AS 7300, Renk 36011-11, Renk Augsburg ZAN 36011, SEW gear units: IGP, XP, P-X-Series, SEW gear units: R-, K7-, F-, IG X-Series, Sumitomo/Hansen HP1, Sumitomo/Hansen HP2, Sumitomo/Hansen HPP, Sumitomo/Hansen M4ACC, Sumitomo/Hansen M5CT, Sumitomo/Hansen P4, Sumitomo/Hansen Paramax®, ZF TE-ML 27F, ZF Industrieantriebe Witten ZN-WN-145

Recommendations: 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 Oil Lubricants, GE D50E35, GM LS 2 EP, Indian Standard IS 8406, Schaeffler Step 1 to 4, Schuler Pressen DT 55055 01.2, SMS Group SN180-3, Sumitomo Drive Technologies BUI-Tec-2009-4-001 H, US Steel 224, ZF TE-ML 04H

RAVENOL SWT 220 is a high-quality, fully synthetic gear oil, formulated with specially selected additives. Its proven combination of active ingredients ensures excellent and stable high-pressure absorption capacity under shock loads.

RAVENOL SWT 220 has a low pour point and therefore excellent low-temperature performance.

Thanks to its balanced formulation, **RAVENOL SWT 220** provides a stable lubricating film even at high temperatures. It thus enables a wide range of applications in many industrial sectors, as well as for gearboxes in wind turbines.

Application instructions

RAVENOL SWT 220 can be used in almost all industrial gearboxes under heavy loads and/or shock loads that require a fully synthetic CLP gear oil in accordance with DIN 51517 Part 3, due to its excellent properties.

RAVENOL SWT 220 guarantees reliable lubrication of gearboxes at temperatures up to 150 °C, while also protecting non-ferrous metal parts from corrosion.

Characteristics

- Excellent, stable high-pressure absorption capacity under shock loads
- Resistant characteristics at high temperatures
- A good rust and corrosion inhibition
- Excellent wear protection
- Very good anti-foaming characteristics
- A low pour point
- Very good cold behaviour



20L | 1332409-020

20L | 1332409-B20

60L | 1332409-060

208L | 1332409-208

1000L | 1332409-700

Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		klar	VISUELL
Viscosity at 100 °C	mm ² /s	27,8	DIN 51659-2
Viscosity at 40 °C	mm ² /s	214,2	DIN 51659-2
Viscosity Index VI		167	DIN ISO 2909
Copper Strip Test at 121 °C		1b	ASTM D130
Density at 20 °C	kg/m ³	840,0	EN ISO 12185
Flashpoint	°C	232	DIN EN ISO 2592
Pourpoint	°C	-51	DIN ISO 3016