

ผลการใช้น้ำมันเกียร์ BERUGEAR G 5000
หลังปิดดูหีบ 2002-2006 ในอุตสาหกรรมน้ำตาล



LUBRICATION
TECHNOLOGY

08 06 2002

Technical data sheet

BERUGEAR G 5000

High performance EP gear oil



9560002
07/01

Description

High performance EP gear oil with a very high base oil viscosity for large, heavy loaded slow turning industrial gear boxes. The special additives inside the oil form, due to a physical and chemical reaction, a very strong protection layer on the flanks and offer thus a reduced coefficient of friction and a sufficient strong lubricating film even under the conditions of very low speed. For gear boxes where standard gear oils do not provide sufficient load carrying capacity.

Application examples

Large slow turning gears in the sugar and mining industry

Properties:

- Operation temperature 0 °C to +140 °C
- Extreme high load carrying capacity
- Excellent wear protection
- Very good corrosion protection
- Good anti-ageing characteristics

Base oil		Min/Syn	
Kin. Viscosity at 40 °C	mm ² /s	appr. 4800	DIN 51 562
Kin. Viscosity at 100 °C	mm ² /s	appr. 180	DIN 51 562
Viscosity index		130	
Flash point	°C	> 240	DIN ISO 2592
Pourpoint	°C	appr. -10	DIN ISO 3016
FZG Test A/16/90			
Damage load stage		> 12	DIN 51 354
Specific wear	mg/kWh	< 0,3	
Four ball test			
Weld load	N	2800	DIN 51 350
Carlott wear			
1 min 1000 N	mm	0,3	

Characteristic data

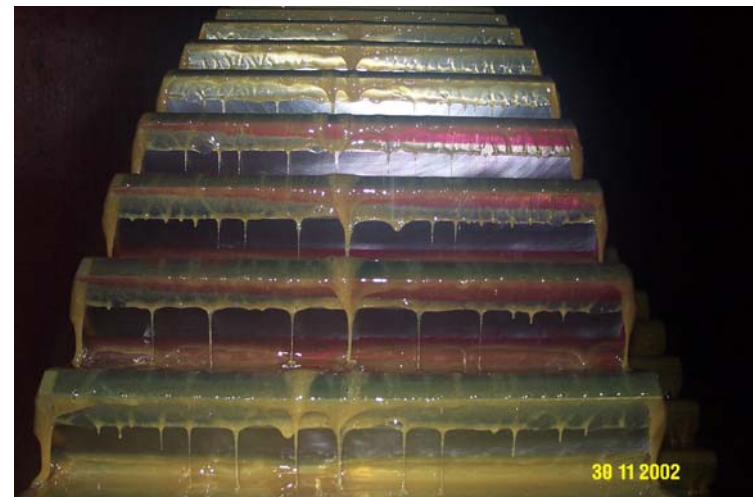
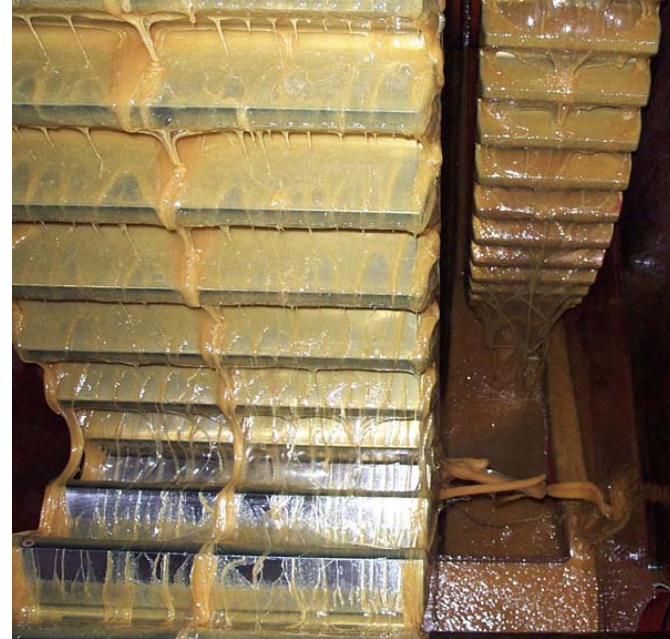
- ISO VG 5000
- Designation according DIN 51 502: CLP 5000

Angaben entsprechen dem derzeitigen Stand der Technik. Änderungen vorbehalten. Die Angaben bedeuten keine Eigenschaftszusicherung für den Einzelfall und entbinden den Verbraucher nicht von eigenen Prüfungen. Weitere Daten auf Anfrage.

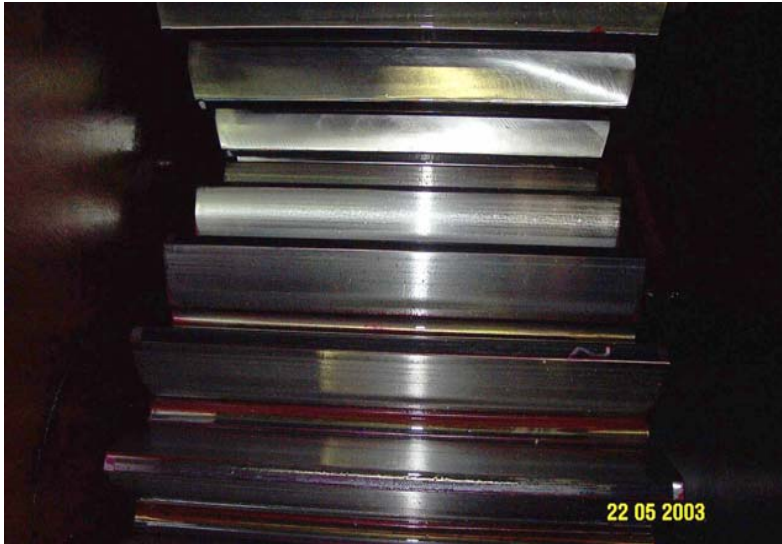


HOFMANN Low speed gear no.1,2

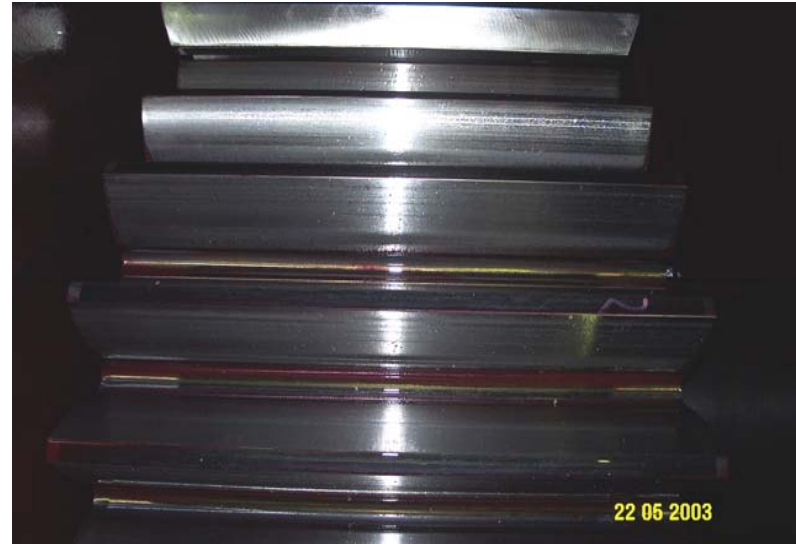
BERUGEAR G 5000



HOFMANN Low speed gear no.1,2 BERUGEAR G 5000



pinion



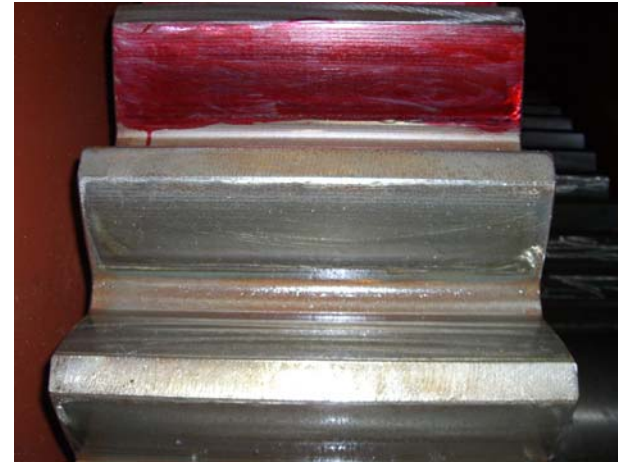
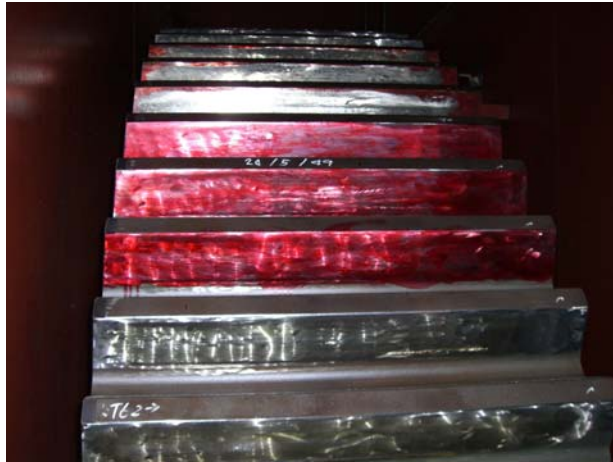
gear



Low speed gear no.1

Low speed gear no.2

FORMOSA GEAR AFTER 4 CRUSHING SEASON **BERUGEAR G 5000**



FORMOSA GEAR AFTER **BERUGEAR G 5000** 3 CRUSHING SEASON

