## LAB REPORT

Unit ID

## Pellet press

Component

Gear/transmission

Current sample number

1700889

OELCHECK GmbH · Kerschelweg 28 · 83098 Brannenburg

Example report Analysis scope: Analysis-Kit 2 Machine type: Manufacturer: Oil brand name: Oil quantity in system:

Gear/transmission Kahl Mobil Glygoyle 460 320 I

## Diagnosis for the current laboratory values

The wear values are in the normal range. The content of magnetic wear particles is lower than the detection limit of the PQ index. If no oil change has happened yet, it is possible to continue using the oil under similar operating conditions and under continuation of the usual maintenance schedule. Please send us the next sample after a further 2,000 hours for trend analysis. No oil change is required during this period if the operating conditions remain similar.

Dipl.-Ing. (FH) Stefan Mitterer (CLS)

LAB NUMBER

Date tested

Oil changed

WEAR Iron

Chrome

Aluminum

Nickel

Copper

Lead

Silicon

Sodium

Water

PQ index

Potassium

CONTAMINATION

**OIL CONDITION** 

Viscosity at 40°C Viscosity at 100°C

Viscosity index

ADDITIVES

Oxidation

IR index

Calcium

Boron

Barium

AN / NN

Zinc

Magnesium

Phosphorus

Molybdenum

ADDITIONAL TESTS

Si

κ

Na

mm²/s

mm²/s

A/cm

Са

Mg

В

Zn

Р

Ва

Мо

mgKOH/g

%

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

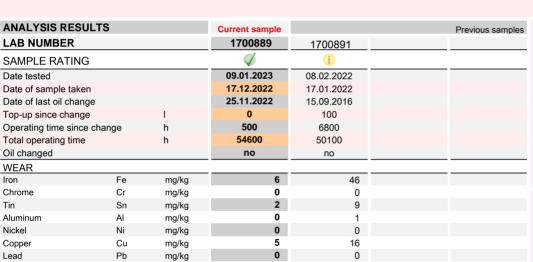
ma/ka

mg/kg

mg/kg

mg/kg

Tin



78

11

0

0

0.10

438.54

73.51

97.27

1

1

1

14

9

0

1196

1 13

248

< 25

3

0

0

0.10

460.52

75.24

98.78

0

0

0

0

6

0

0.64

1330

245

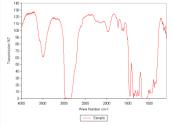




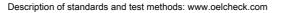
normal



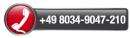
Infrared Spectrum











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