

## **OIL ANALYSIS REPORT**

Area

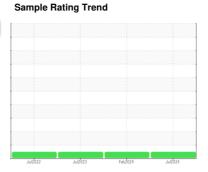
# **Confaction-Confin**

# [Confaction-Confin] 360426154 - KRUPP EXTRUDER D02

Gearbox

Fluid

SHELL OMALA S2 GX 320 (125 LTR)





#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil

### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001976	TLC0001379	TLC0001186
Sample Date		Client Info		11 Jul 2024	01 Feb 2024	11 Jul 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	Ν	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		19	19	20
Iron	ppm	ASTM D5185m	>200	34	27	28
Chromium	ppm	ASTM D5185m	>15	0	0	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>100	0	1	0
Copper	ppm	ASTM D5185m	>200	<1	0	<1
Tin	ppm	ASTM D5185m	>25	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6.2	8	9	9
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	1	<1
Magnesium	ppm	ASTM D5185m	0	0	0	0
Calcium	ppm	ASTM D5185m	0.0	0	0	11
Phosphorus	ppm	ASTM D5185m	290	205	136	213
Zinc	ppm	ASTM D5185m	3.8	0	0	8
Sulfur	ppm	ASTM D5185m	8167	19607	15984	20415
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	0	1
Sodium	ppm	ASTM D5185m		2	1	1
Potassium	ppm	ASTM D5185m	>20	0	<1	2
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
A -1-1 N I I (A N I)		4 OTM   DOG 45			0.00	0.40

0.45

Acid Number (AN)

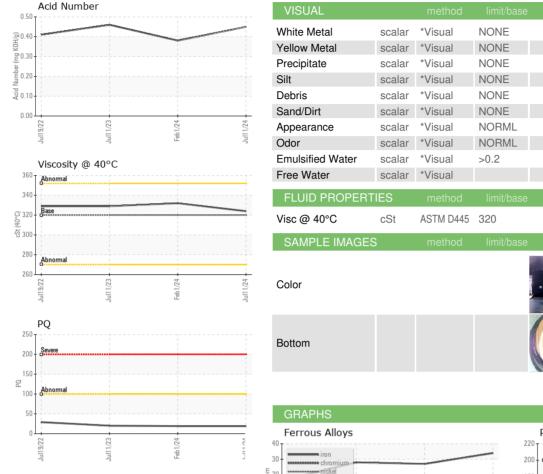
mg KOH/g ASTM D8045

0.38

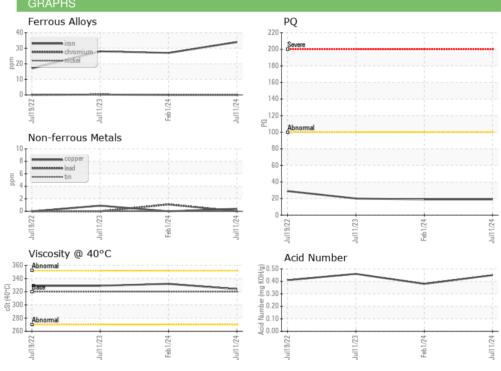
0.46



## **OIL ANALYSIS REPORT**











Certificate 12367

Laboratory Sample No.

Test Package : PLANT

: TLC0001976 Lab Number : 06240964 Unique Number : 11129798

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** 

: 20 Jul 2024 Diagnosed

: 20 Jul 2024 - Wes Davis

: 18 Jul 2024

ANDERSON, SC US 29626 Contact: TERRICK PRESLEY terrick.presley@michelin.com T: (803)761-8053

 $^st$  - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: MICAND [WUSCAR] 06240964 (Generated: 07/21/2024 11:09:43) Rev: 1

Submitted By: DUSTY LOLLIS

**MICHELIN US 10** 

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