

## **OIL ANALYSIS REPORT**

## Sample Rating Trend

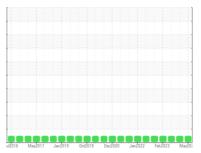
# **NORMAL**



# **RGS** 10 **RGS 10 - 9 Z AXIS ROLL GRINDER (S/N 16-2505-0124)**

### Gearbox

{not provided} (--- QTS)





### DIAGNOSIS

#### Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. 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		RP0044233	RP0039179	RP0035166
Sample Date		Client Info		29 May 2024	05 Jan 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
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		16	19	8
Iron	ppm	ASTM D5185m	>200	79	70	64
Chromium	ppm	ASTM D5185m	>15	0	<1	<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	<1	0	<1
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm	ASTM D5185m	>200	0	0	<1
Tin	ppm	ASTM D5185m	>25	<1	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		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		1	1	<1
Magnesium	ppm	ASTM D5185m		0	1	<1
Calcium	ppm	ASTM D5185m		<1	<1	<1
Phosphorus	ppm	ASTM D5185m		46	38	39
Zinc	ppm	ASTM D5185m		2	0	5
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1	<1	3
Sodium	ppm	ASTM D5185m		<1	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water	%	ASTM D6304	>0.2	0.004	0.003	0.015
ppm Water	ppm	ASTM D6304	>2000	47	31	151.1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.72

Acid Number (AN)

mg KOH/g ASTM D8045

0.66

0.68



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : RP0044233

Lab Number : 06195522 Unique Number : 11057645

Diagnosed

Test Package : IND 2 ( Additional Tests: PQ ) To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

**OUTOKUMPU STAINLESS USA** 

HWY 43 N CALVERT, AL

US 36513 Contact: MARIO JOHNSON Mario.johnson@outokumpu.com T: (251)321-4105

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Received

**Tested** 

: 30 May 2024

: 31 May 2024

: 31 May 2024 - Wes Davis

Report Id: OUTCALAL [WUSCAR] 06195522 (Generated: 05/31/2024 15:35:47) Rev: 1

Submitted By: DALE ROBINSON

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