

## **OIL ANALYSIS REPORT**

# **T** ,







Machine Id 3504 Component Gearbox

## TULCO LUBSOIL 4220 SYN GEAR 220 (200 GAL)

#### 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 condition of the oil is acceptable for the time in service.

GAL)				May2024		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50002379		
Sample Date		Client Info		21 May 2024		
Machine Age	hrs	Client Info		13540		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		17		
ron	ppm	ASTM D5185m	>200	11		
Chromium	ppm	ASTM D5185m	>15	0		
Nickel	ppm	ASTM D5185m		0		
Fitanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
_ead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m	>200	1		
Fin	ppm	ASTM D5185m		0		
/anadium	ppm	ASTM D5185m	720	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES	PP	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		3		
Barium	ppm	ASTM D5185m		0		
		ASTM D5185m		2		
Molybdenum	ppm			0		
Manganese	ppm	ASTM D5185m		-		
Magnesium	ppm	ASTM D5185m		31		
Calcium	ppm	ASTM D5185m	000	31		
	ppm	ASTM D5185m	230	372		
Zinc	ppm	ASTM D5185m	0.500	38		
Sulfur	ppm	ASTM D5185m	2530	5862		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
TI-!6'I-NA/I-		*) /'	0.0	NEO		

**Emulsified Water** 

scalar \*Visual

scalar \*Visual

>0.2

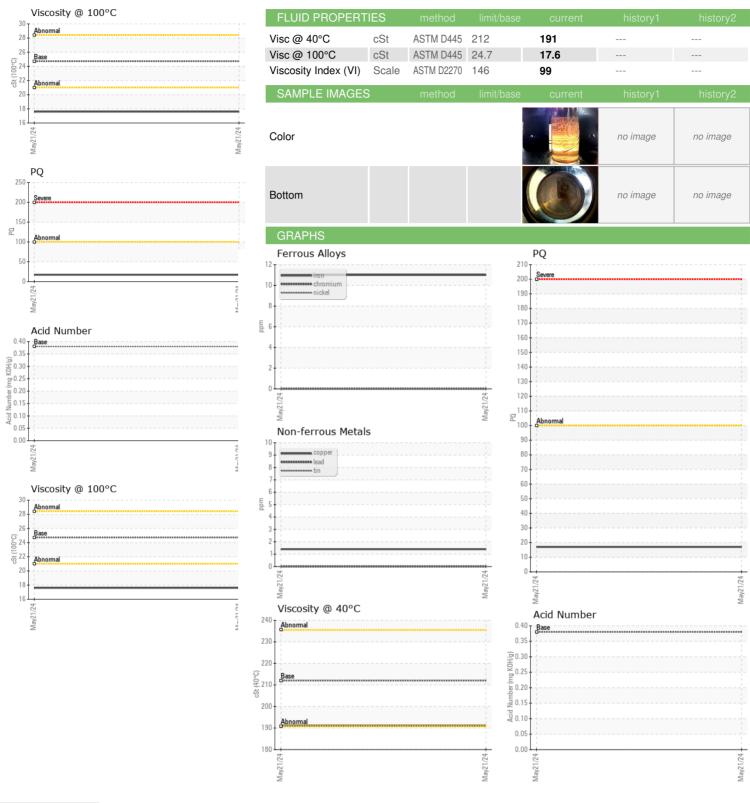
NEG

NEG

Submitted By: FRANKIE GOAD



### **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: TO50002379 Lab Number : 06207198

Unique Number : 11074659

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 11 Jun 2024 **Tested** : 14 Jun 2024 Diagnosed : 14 Jun 2024 - Sean Felton

Test Package : IND 2 (Additional Tests: KV100, PQ, VI)

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

**KLX ENERGY SERVICES 701 N MAIN** 

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