

### **OIL ANALYSIS REPORT**





#### Machine Id

# LIM4\_U41 LIM4\_U41\_P41

**ROYAL PURPLE SYNFILM GT 32 (1 GAL)** 

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. There is no indication of any contamination in the oil.

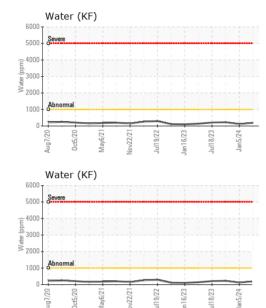
#### Fluid Condition

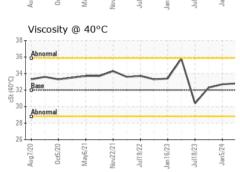
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0042315	RP0029466	RP0029504
Sample Date		Client Info		28 May 2024	05 Jan 2024	24 Oct 2023
Machine Age	hrs	Client Info		0	0	0
Dil 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
Iron	ppm	ASTM D5185m	>90	0	<1	0
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	<1	<1	<1
Lead	ppm	ASTM D5185m	>12	<1	3	11
Copper	ppm	ASTM D5185m	>30	15	27	12
Tin	ppm	ASTM D5185m	>9	<1	<1	<1
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
Vanganese	ppm	ASTM D5185m		<1	0	0
Vagnesium	ppm	ASTM D5185m		66	89	79
Calcium	ppm	ASTM D5185m		0	2	0
Phosphorus	ppm	ASTM D5185m		<1	10	0
Zinc	ppm	ASTM D5185m		0	0	0
CONTAMINANTS	\$	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	3	6	<1
Sodium	ppm	ASTM D5185m		2	<1	<1
Potassium	ppm	ASTM D5185m	>20	<1	0	1
Water	%	ASTM D6304	>.1	0.019	0.011	0.022
ppm Water	ppm	ASTM D6304	>1000	194	120	226.5
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.42	0.36	0.38
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
		43 <i>U</i> 1	NODM	NODW	NODM	
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Odor Emulsified Water	scalar scalar	*Visual *Visual	NORML	NORML		NEG



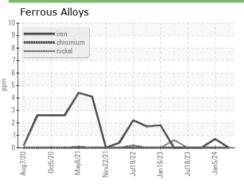
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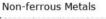


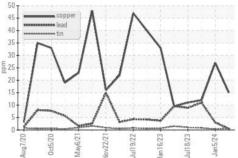


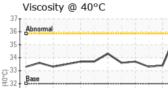


#### GRAPHS







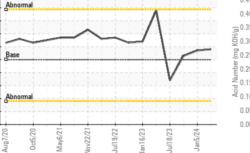


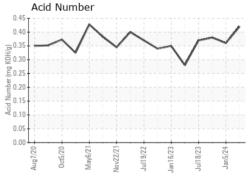
37

53 31

30 29

28 27





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **ENERGY TRANSFER - LIMA** : RP0042315 Sample No. Received : 04 Jun 2024 1520 BUCKEYE RD Lab Number : 06199338 Tested : 06 Jun 2024 LIMA, OH Unique Number : 11061461 Diagnosed : 06 Jun 2024 - Don Baldridge US 45804 Test Package : IND 2 Contact: ANDREW WYDERKA Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. andrew.wyderka@energytransfer.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (419)618-1505 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: ENELIM [WUSCAR] 06199338 (Generated: 06/06/2024 13:21:23) Rev: 1

Contact/Location: ANDREW WYDERKA - ENELIM