

OIL ANALYSIS REPORT

Chem-Ecol A2403118

Component

Unknown Component

CHEM-ECOL TAPPING OIL 104 (--- GAL)

Sample Rating Trend NORMAL

Recommendation

We certify that this oil is clean, that the additives are at acceptable levels, and that it is suitable for use.

	Mw2024								
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2			
Batch #		Client Info		3032-A					
Department		Client Info		Production					
Sample From		Client Info		Machine					
Production Stage		Client Info		Final					
Sent to WC		Client Info		03/18/2024					
Sample Number		Client Info		E30001707					
Sample Date		Client Info		18 Mar 2024					
Machine Age	hrs	Client Info		0					
Oil Age	hrs	Client Info		0					
Oil Changed		Client Info		N/A					
Sample Status				NORMAL					
WEAR METALS		method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185(m)		7					
Chromium	ppm	ASTM D5185(m)		0					
Nickel	ppm	ASTM D5185(m)		0					
Titanium	ppm	ASTM D5185(m)		0					
Silver	ppm	ASTM D5185(m)		0					
Aluminum	ppm	ASTM D5185(m)		0					
Lead	ppm	ASTM D5185(m)		0					
Copper	ppm	ASTM D5185(m)		6					
Tin	ppm	ASTM D5185(m)		0					
Antimony	ppm	ASTM D5185(m)		0					
Vanadium	ppm	ASTM D5185(m)		0					
Beryllium	ppm	ASTM D5185(m)		0					
Cadmium	ppm	ASTM D5185(m)		0					
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185(m)		0					
Barium	ppm	ASTM D5185(m)		<1					
Molybdenum	ppm	ASTM D5185(m)		0					
Manganese	ppm	ASTM D5185(m)		0					
Magnesium	ppm	ASTM D5185(m)		143					
Calcium	ppm	ASTM D5185(m)		1621					
Phosphorus	ppm	ASTM D5185(m)		509					
Zinc	ppm	ASTM D5185(m)		635					
Sulfur	ppm	ASTM D5185(m)		6183					
Lithium	ppm	ASTM D5185(m)		<1					
CONTAMINANT	S	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185(m)		1					
Sodium	ppm	ASTM D5185(m)		4					
Potassium	ppm	ASTM D5185(m)	>20	<1					
Water	%	ASTM D6304*		0.010					
\ \ \ \ \ \		A OTLA DAGA II		400					

ppm Water

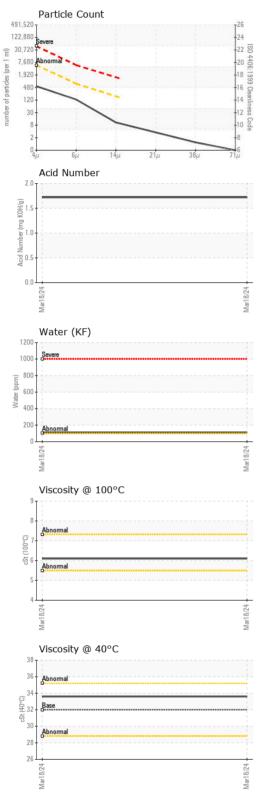
ASTM D6304*

ppm

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OIL ANALYSIS REPORT



ESS	method	limit/base	current	history1	history2
	ASTM D7647	>5000	491		
	ASTM D7647	>640	113		
	ASTM D7647	>160	9		
	ASTM D7647	>40	3		
	ASTM D7647	>10	1		
	ASTM D7647	>3	0		
	ISO 4406 (c)	>19/16/14	16/14/10		
TION	method	limit/base	current	history1	history2
mg KOH/g	ASTM D974*		1.72		
	method	limit/base	current	history1	history2
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NORML	NORML		
scalar	Visual*	NORML	NORML		
scalar	Visual*		NEG		
scalar	Visual*		NEG		
IES	method	limit/base	current	history1	history2
cSt	ASTM D7279(m)	32	33.6		
cSt	ASTM D7279(m)		6.1		
Scale	ASTM D2270*		130		
	method	limit/base	current	history1	history2
				no image	no image
	scalar sc	ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ISO 4406 (c) TION method mg KOH/g ASTM D974* method scalar Visual* scalar ASTM D7279(m) cSt ASTM D7279(m) Scale ASTM D2270*	ASTM D7647 >5000 ASTM D7647 >640 ASTM D7647 >160 ASTM D7647 >40 ASTM D7647 >10 ASTM D7647 >3 ISO 4406 (c) >19/16/14 TION method limit/base mg KOH/g ASTM D974* method limit/base scalar Visual* NONE scalar Visual* NORML scalar Visual* NORML scalar Visual* Scalar Visual* scalar Visual* Scalar Visual* scalar Visual	ASTM D7647 >5000 491 ASTM D7647 >640 113 ASTM D7647 >160 9 ASTM D7647 >40 3 ASTM D7647 >10 1 ASTM D7647 >3 0 ISO 4406 (c) >19/16/14 16/14/10 TION method limit/base current mg KOH/g ASTM D974* 1.72 method limit/base current scalar Visual* NONE NONE scalar Visual* NORML NORML sca	ASTM D7647 >5000 491 ASTM D7647 >640 113 ASTM D7647 >160 9 ASTM D7647 >40 3 ASTM D7647 >10 1 ASTM D7647 >3 0 ISO 4406 (c) >19/16/14 16/14/10 TION method limit/base current history1 mg KOH/g ASTM D974* 1.72 method limit/base current history1 scalar Visual* NONE NONE scalar Visual* NORML NORML scalar Visual* NORM



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: E30001707 Lab Number : 02623385 Unique Number : 5748504

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 20 Mar 2024 **Tested** : 21 Mar 2024 Diagnosed : 22 Mar 2024 - Tatiana Sorkina

Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, TAN Man, VI) To discuss this sample report, contact Customer Service at 1-905-372-2251.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Environmental 360 Solutions Ltd.

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