

OIL ANALYSIS REPORT

Sample Rating Trend



[CAN 323 RECD 5/16/24] **ASTM LU2405**

New (Unused) Oil {not provided} (--- QTS)

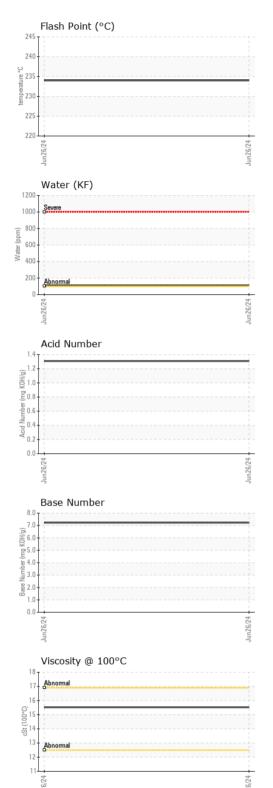
Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06221755		
Sample Date		Client Info		26 Jun 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 D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		3		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		173		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		141		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		395		
Calcium	ppm	ASTM D5185m		1273		
Phosphorus	ppm	ASTM D5185m		660		
Zinc	ppm	ASTM D5185m		781		
Sulfur	ppm	ASTM D5185m		3411		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		5		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304		0.011		
ppm Water	ppm	ASTM D6304		111		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.308		
Base Number (BN)	mg KOH/g	ASTM D2896		7.23		



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VISUAL		method	limit/base	current	history1	history2
					,	,
White Metal	scalar	*Visual	NONE	NONE		
Yellow 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		
Emulsified Water	scalar	*Visual		NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		105.6	<i>,</i>	
Visc @ 100°C	cSt	ASTM D445		15.52		
Viscosity Index (VI)	Scale	ASTM D2270		155		
Pour Point	°C	ASTM D5950		-37		
COC Flash Point	°C	ASTM D92		234		
Pensky-Martens Flash Point		*PMCC Calculated		205		
ASTM Color	scalar	*ASTM D1500		L3.0		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image





Certificate 12367

Laboratory Sample No.

Lab Number : 06221755 Unique Number : 11099952

: WC06221755

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

: 26 Jun 2024 **Tested** : 01 Jul 2024 Diagnosed : 01 Jul 2024 - Jonathan Hester

501 Madison Ave Cary, NC

WEARCHECK LUBRICATION SERVICES PT ACCOUNT

US 27513 Test Package : MOB 2 (Additional Tests: CC FLASH, COC Flash, Color-ASTM, FT-IR, ICP-NewOil, KF, KV100, PourPtOthtact: Doug Bogart dbogart@wearcheckusa.com

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)

F: (919)379-4050

T: