

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id HD₆ Gearbox

TULCO LUBSOIL INDUSTRIAL GEAR OIL

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

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

320 (QTS)				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50002299		
Sample Date		Client Info		27 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
PQ		ASTM D8184		56		
Iron	ppm	ASTM D5185m	>200	164		
Chromium	ppm	ASTM D5185m	>10	2		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	17		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	10	0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		6		
Phosphorus	ppm	ASTM D5185m	125	104		
Zinc	ppm	ASTM D5185m	. = 0	15		
Sulfur	ppm	ASTM D5185m	5850	7725		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	3		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.2	0.107		
ppm Water	ppm	ASTM D6304	>2000	1070		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		

Precipitate

Silt

Debris

Odor

Sand/Dirt

Appearance

*Visual

*Visual

*Visual

*Visual

scalar *Visual

scalar *Visual

scalar *Visual

scalar

scalar scalar *Visual

scalar

scalar

NONE

NONE

NONE

NONE

>0.2

NORML

NORML

NONE

NONE

NONE

NONE

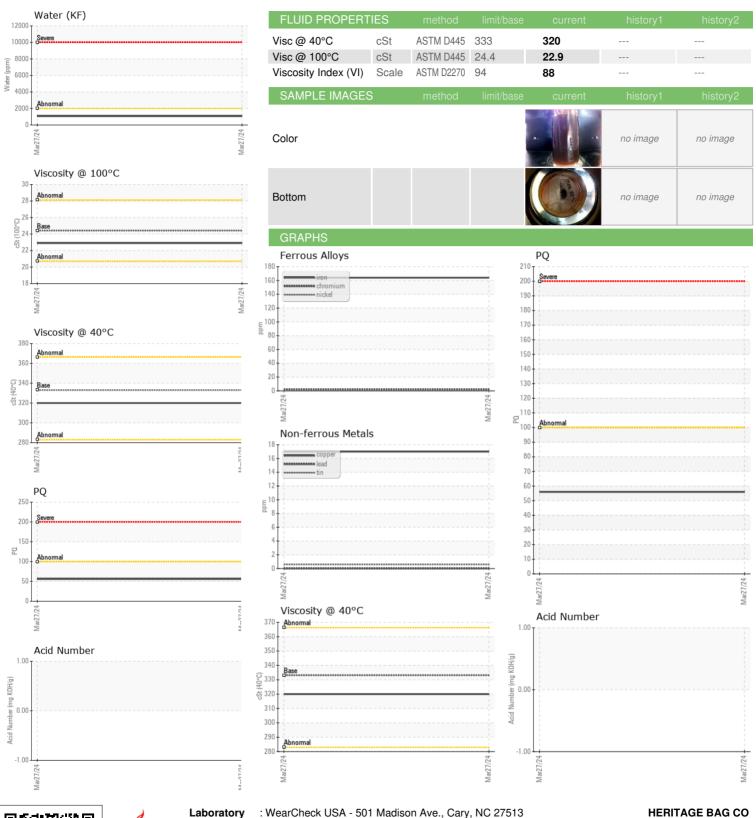
NORML

NORML

0.2%



OIL ANALYSIS REPORT





Certificate 12367

Sample No.

Laboratory

: TO50002299 **Lab Number** : 06140716 Unique Number : 10965524

Received : 05 Apr 2024 **Tested** : 09 Apr 2024

Diagnosed : 09 Apr 2024 - Sean Felton

Test Package : IND 2 (Additional Tests: KF, KV100, PQ, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 76262-3481 Contact: BRIAN WALKER brian.walker@novolex.com T:

501 GATEWAY PKWY

ROANOKE, TX

* - 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)

Report Id: HERROATX [WUSCAR] 06140716 (Generated: 04/09/2024 18:56:26) Rev: 1

Contact/Location: BRIAN WALKER - HERROATX

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