

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

TRIOLIET BV 11732972/ING03

Gearbox

SHELL OMALA S4 GX 220 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

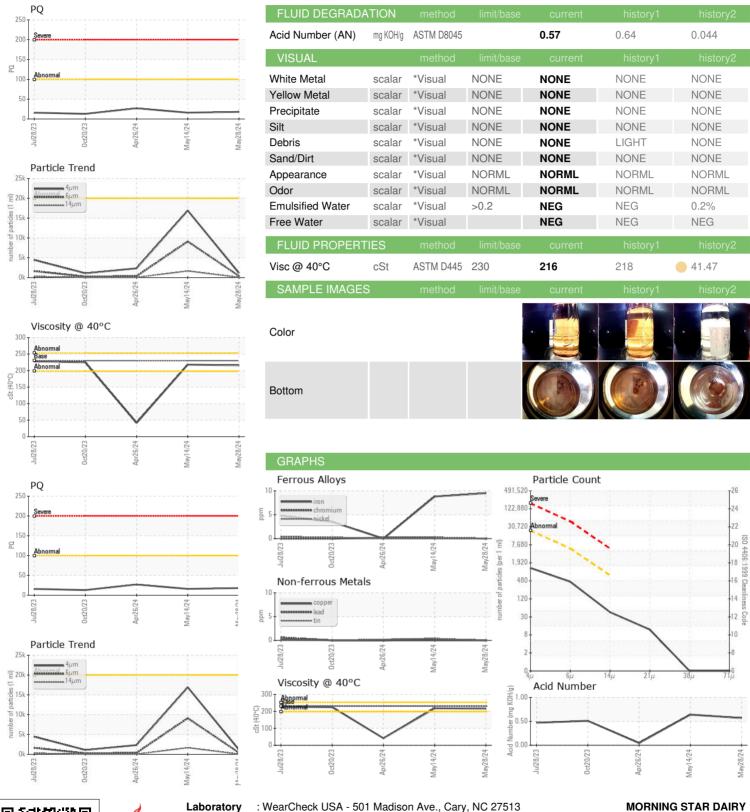
Fluid Condition

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

		Jul2023	0ct2023	Apr2024 May2024	May2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PE0002536	PE0003825	PE0003838
Sample Date		Client Info		28 May 2024	14 May 2024	26 Apr 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ATTENTION
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		18	16	27
Iron	ppm	ASTM D5185m	>200	10	9	0
Chromium	ppm	ASTM D5185m	>15	0	<1	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
Lead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	0	0	0
Tin	ppm	ASTM D5185m	>25	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	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
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	0	0
Calcium	ppm	ASTM D5185m		10	8	0
Phosphorus	ppm	ASTM D5185m		204	201	0
Zinc	ppm	ASTM D5185m		54	23	0
Sulfur	ppm	ASTM D5185m		13862	14371	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	1	5	10
Sodium	ppm	ASTM D5185m		1	1	0
Potassium	ppm	ASTM D5185m	>20	<1	<1	<1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	1131	16894	2326
Particles >6µm		ASTM D7647	>5000	392	△ 9103	340
Particles >14µm		ASTM D7647	>640	38	<u> </u>	38
Particles >21µm		ASTM D7647	>160	10	▲ 329	9
Particles >38µm		ASTM D7647	>40	0	13	2
Particles >71µm		ASTM D7647	>10	0	3	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	17/16/12	<u>▲</u> 21/20/18	18/16/12



OIL ANALYSIS REPORT







Sample No. Lab Number

: PE0002536 : 06196545 Unique Number : 11058668

Received : 31 May 2024 **Tested** : 03 Jun 2024

: 03 Jun 2024 - Don Baldridge Diagnosed Test Package : CONST (Additional Tests: ICP, KV40, PQ, PrtCount, SCREEN)

Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

801 FM 694 DALHART, TX US 79022

Contact: JOHN DEVRIES johnidevries@gmail.com

T:

Submitted By: ROCHELLE MENDOZA

F: