

OIL ANALYSIS REPORT

Plant US1 Greenville **BD-5** - Plastifier

Component Gearbox

SHELL OMALA 320 (--- GAL)

Sample Rating Trend

NORMAL

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

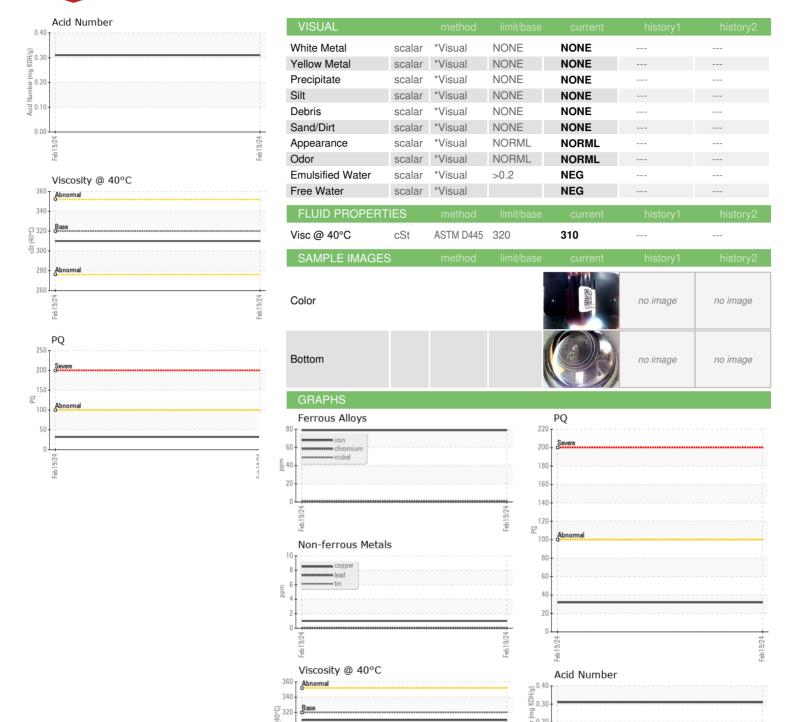
Fluid Condition

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

				Feb2024		
SAMPLE INFORM	//ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001476		
Sample Date		Client Info		19 Feb 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		32		
Iron	ppm	ASTM D5185m	>200	79		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>200	1		
Tin	ppm	ASTM D5185m	>25	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5.5	11		
Barium	ppm	ASTM D5185m	0.4	0		
Molybdenum	ppm	ASTM D5185m	0.5	0		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m	23	1		
Calcium	ppm	ASTM D5185m	13	6		
Phosphorus	ppm	ASTM D5185m	450	255		
Zinc	ppm	ASTM D5185m	9.9	5		
Sulfur	ppm	ASTM D5185m	8181	12693		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	3		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.31		



OIL ANALYSIS REPORT







Laboratory Sample No.

Lab Number : 06098555 **Unique Number** : 10896785

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TLC0001476

Tested Diagnosed

Received : 23 Feb 2024 : 26 Feb 2024

: 26 Feb 2024 - Wes Davis

1401 ANTIOCH CHURCH ROAD

MICHELIN TIRE-GREENVILLE US 1 JN DOCK

Greenville, SC US 29605 Contact: Nicolas Jackson

Test Package : PLANT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. nicolas.jackson@michelin.com

* - 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)

T: F: