

## **OIL ANALYSIS REPORT**

# Plant US1 Greenville MAF3 - D-2 Hydraulic

Component **Hydraulic System** 

Recommendation

Contamination

**Fluid Condition** 

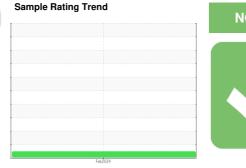
SHELL TELLUS S2 M 46 (--- GAL)

Resample at the next service interval to monitor.

There is no indication of any contamination in the

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

All component wear rates are normal.





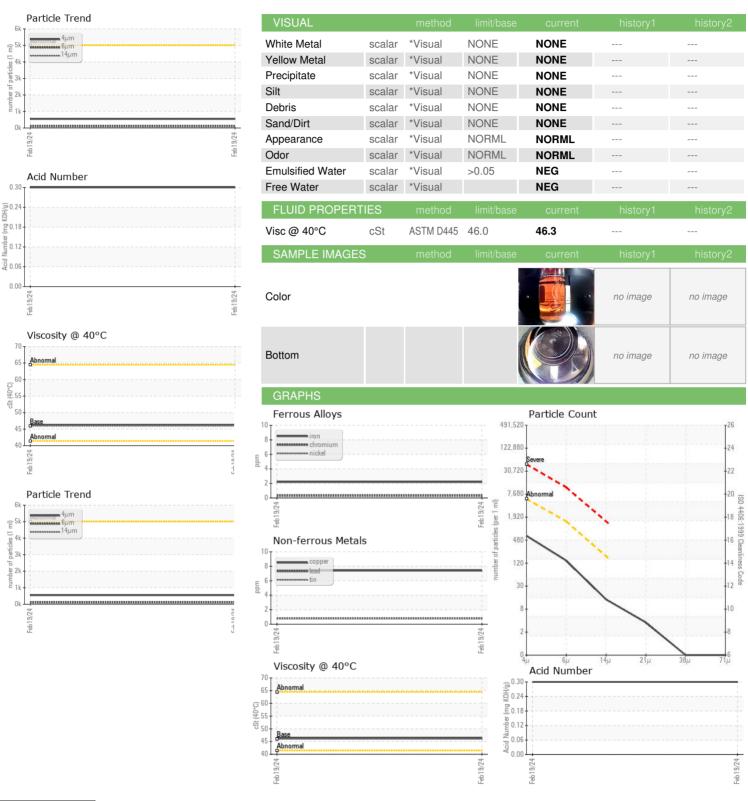
				Feb2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001489		
Sample Date		Client Info		19 Feb 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	2		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	7		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		5		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		24		
Calcium	ppm	ASTM D5185m		29		
Phosphorus	ppm	ASTM D5185m		223		
Zinc	ppm	ASTM D5185m		298		
Sulfur	ppm	ASTM D5185m		1569		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1		
Sodium	ppm	ASTM D5185m		0		
Datassium		ACTM DE10Em	. 20	4		

CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.05	NEG		
FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	546		
Particles >6µm		ASTM D7647	>1300	123		
Particles >14µm		ASTM D7647	>160	12		
Particles >21µm		ASTM D7647	>40	3		
Particles >38μm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.30		

### Report Id: MICGRESC [WUSCAR] 06098334 (Generated: 02/26/2024 14:17:35) Rev: 1



## **OIL ANALYSIS REPORT**







Certificate L2367

Laboratory Sample No.

Lab Number : 06098334

**Unique Number** : 10896564 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TLC0001489 Received : 23 Feb 2024 **Tested** 

: 26 Feb 2024 : 26 Feb 2024 - Don Baldridge Diagnosed

MICHELIN TIRE-GREENVILLE US 1 JN DOCK 1401 ANTIOCH CHURCH ROAD

Greenville, SC US 29605

Contact: Nicolas Jackson nicolas.jackson@michelin.com

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: F: