

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id AF12-510-2925-1100 FINISHED BOARD STACKING LIFT TABLE HYDRAULICS WEST CENTER

Component **Hydraulic System**

MOBIL DTE 10 EXCEL 46 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

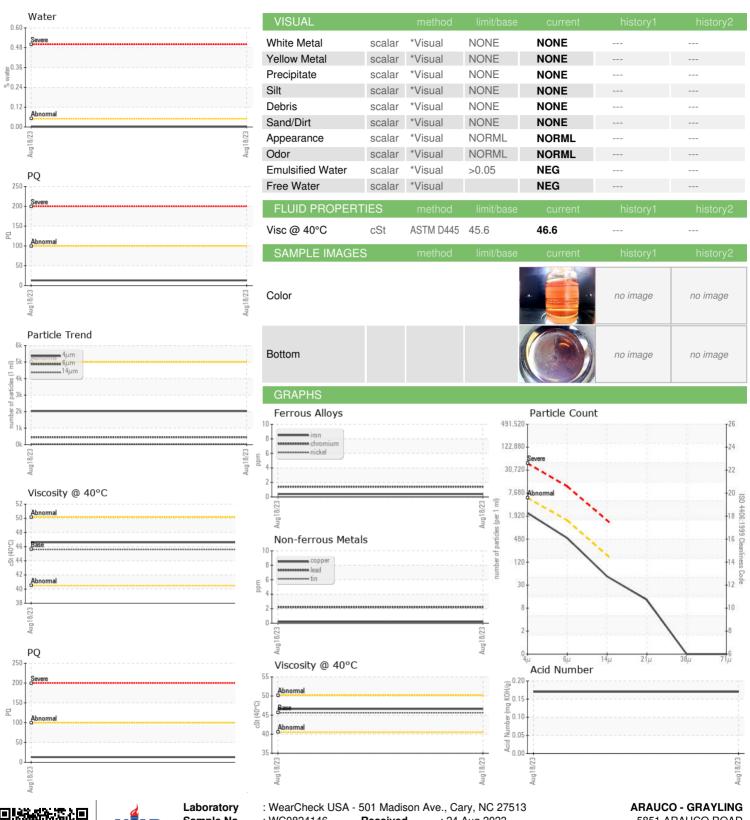
Fluid Condition

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

				Aug2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0824146		
		Client Info		18 Aug 2023		
Sample Date	1450	Client Info		ŭ		
Machine Age	yrs	Client Info		5		
Oil Age	yrs			N/A		
Oil Changed		Client Info		N/A NORMAL		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		13		
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	2		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		42		
Phosphorus	ppm	ASTM D5185m		156		
Zinc	ppm	ASTM D5185m		111		
Sulfur	ppm	ASTM D5185m		10842		
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	0.001		
ppm Water	ppm	ASTM D6304	>500	1.5		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	2031		
Particles >6µm		ASTM D7647	>1300	449		
Particles >14µm		ASTM D7647	>160	45		
Particles >21µm		ASTM D7647	>40	11		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/16/13		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
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Certificate L2367

Sample No. Lab Number **Unique Number**

: WC0824146 : 05934336 : 10619607 Test Package : PLANT

Received : 24 Aug 2023 Diagnosed : 28 Aug 2023

: Jonathan Hester Diagnostician

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)

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