

OIL ANALYSIS REPORT

Sample Rating Trend

ISO



WEST HPU

Component

Hydraulic System

MOBIL DTE 10 EXCEL 32 (170 GAL)

▲ Recommendation

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

All component wear rates are normal.

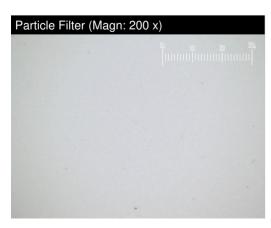
Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PH0000353		
Sample Date		Client Info		11 Jan 2024		
Machine Age	mths	Client Info		6		
Oil Age	mths	Client Info		6		
Oil Changed		Client Info		Filtered		
Sample Status				ATTENTION		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	0		
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	0		
Copper	ppm	ASTM D5185m	>20	4		
Tin	ppm	ASTM D5185m	>20	<1		
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		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m	120	72		
Phosphorus	ppm	ASTM D5185m	475	230		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m	1275	776		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>640	4 905		
Particles >6µm		ASTM D7647	>160	204		
Particles >14µm		ASTM D7647	>40	28		
Particles >21µm		ASTM D7647	>10	5		
Particles >38µm		ASTM D7647	>3	0		
Particles >71μm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>16/14/12	17/15/12		
FLUID DEGRADA	TION	method	limit/base	current	historv1	historv2

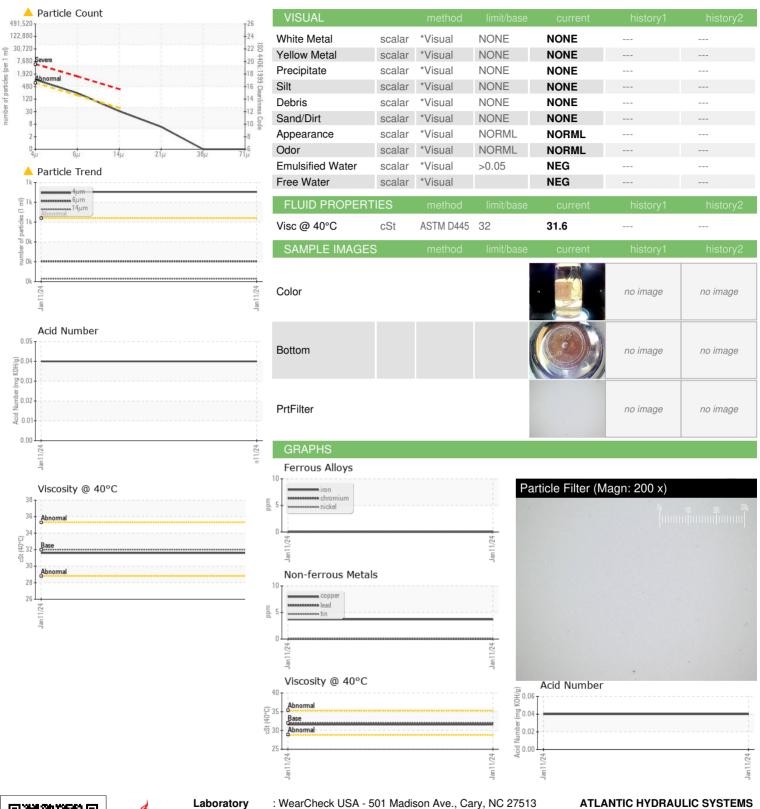


Acid Number (AN)

0.04



OIL ANALYSIS REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: PH0000353 : 06065585

: 10836967

Recieved Diagnosed Diagnostician : Angela Borella

: 19 Jan 2024

: 23 Jan 2024

Test Package : PLANT (Additional Tests: PrtFilter)

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)

ATLANTIC HYDRAULIC SYSTEMS

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