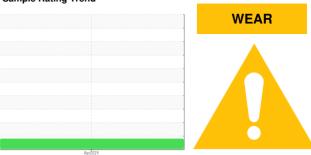


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

COOLING TOWER 2-1 (S/N 029945)

Gearbox

Gearbo

MOBIL DTE OIL HEAVY (2 GAL)

DIAGNOSIS

Recommendation

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

Wear

The iron level is abnormal. All other 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.

						\
				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
		Client Info		WC0867568		
Sample Number		Client Info		01 Apr 2024		
Sample Date Machine Age	hrs	Client Info		01 Apr 2024 0		
Oil Age	hrs	Client Info		0		
Oil Changed	1115	Client Info		N/A		
Sample Status		Ollerit IIIIO		ABNORMAL		
WEAR METALS		method	line it /le e e e			history.O
			limit/base	current	history1	history2
PQ		ASTM D8184	0.0	15		
Iron	ppm	ASTM D5185m	>30	<u>^</u> 51		
Chromium	ppm	ASTM D5185m	>4	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>8	2		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>8	3		
Tin	ppm	ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		3		
Phosphorus	ppm	ASTM D5185m		1213		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		6501		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>10	3		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.2	0.019		
ppm Water	ppm	ASTM D6304	>2000	195		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	13217		
Particles >6µm		ASTM D7647	>5000	502		
Particles >14µm		ASTM D7647	>640	15		
Particles >14µm		ASTM D7647	>160	3		
Particles >38µm		ASTM D7647 ASTM D7647	>100	0		
Particles >30µm		ASTM D7647	>40	0		
Oil Cleanliness		ISO 4406 (c)	>10	21/16/11		
	-10.					
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

Lab Number

: WC0867568 : 06150324 Unique Number : 10980402 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Apr 2024 Tested : 17 Apr 2024

Diagnosed

: 18 Apr 2024 - Jonathan Hester

US 75460 Contact: TERRY BURCHINAL terry.burchinal@kcc.com T:

Kimberly-Clark - Paris

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) Report Id: KIMPARUS [WUSCAR] 06150324 (Generated: 04/18/2024 15:06:13) Rev: 1

Contact/Location: TERRY BURCHINAL - KIMPARUS

F:

2466 FM 137

PARIS, TX