

OIL ANALYSIS REPORT

CARS CARS05JUNE23-231

Component Gearbox

XPDC 048 (--- GAL)

Sample Rating Trend **NORMAL**

Recommendation

Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates for viscosity.

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.

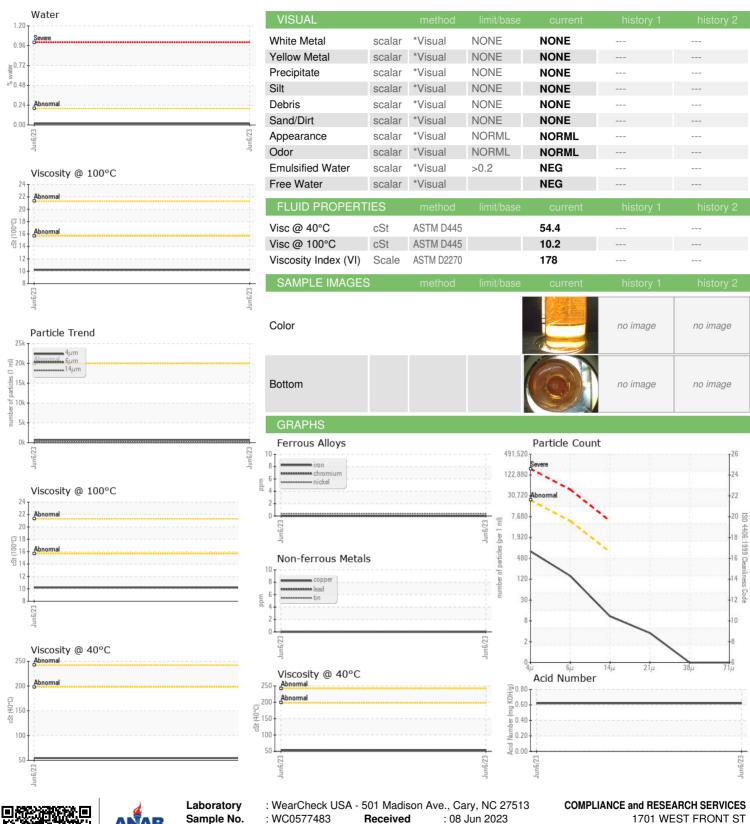
Fluid Condition

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

				Jun 2023		
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WC0577483		
Sample Date		Client Info		06 Jun 2023		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>200	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		83		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		188		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		1606		
Zinc	ppm	ASTM D5185m		2		
Sulfur	ppm	ASTM D5185m		23944		
CONTAMINANTS	;	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>50	1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.2	0.018		
ppm Water	ppm	ASTM D6304	>2000	180.0		
FLUID CLEANLIN	IESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647	>20000	673		
Particles >6µm		ASTM D7647	>5000	131		
Particles >14µm		ASTM D7647	>640	9		
Particles >21µm		ASTM D7647	>160	3		
Particles >38µm		ASTM D7647	>40	0		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	17/14/10		
FLUID DEGRADA	ATION	method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.62		



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Certificate L2367

Sample No. Lab Number **Unique Number**

: WC0577483 : 05868687 : 10508471

Received Diagnosed

: 19 Jun 2023 Diagnostician : Doug Bogart Test Package : MOB 2 (Additional Tests: KF, KV100, PrtCount, VI)

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) 1701 WEST FRONT ST PLAINFIELD, NJ

US 07063

Contact: MATT LARKIN blending@complianceandresearch.com

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