

# **OIL ANALYSIS REPORT**

# Sample Rating Trend









Machine Id
DT753
Component
Front Differential
Fluid
GEAR OIL SAE 80 (---

DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80. Please confirm.

#### Wear

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the

## **Fluid Condition**

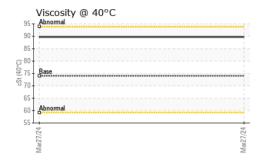
The condition of the oil is acceptable for the time in service.

AL)				Mar2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number	/// TTOT	Client Info		PCA0119984		
Sample Date		Client Info		27 Mar 2024		
Machine Age	mls	Client Info		229086		
Dil Age	mls	Client Info		0		
Oil Changed	11110	Client Info		Changed		
Sample Status		Ollotti IIIIo		NORMAL		
CONTAMINATI	ON	method	limit/base		history1	history2
	ON			current	HISTOLAL	HISTOLYZ
Vater		WC Method		NEG		
WEAR METALS	3	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>1200	494		
Chromium	ppm	ASTM D5185m		4		
lickel	ppm	ASTM D5185m	>20	15		
itanium	ppm	ASTM D5185m	>4	1		
Silver	ppm	ASTM D5185m		0		
luminum	ppm	ASTM D5185m	>30	11		
ead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	2		
in	ppm	ASTM D5185m	>5	0		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	211		
Barium	ppm	ASTM D5185m	200	0		
Nolybdenum	ppm	ASTM D5185m	12	8		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m	12	108		
Calcium	ppm	ASTM D5185m	150	228		
hosphorus	ppm	ASTM D5185m	1650	1419		
linc	ppm	ASTM D5185m	125	192		
Gulfur	ppm	ASTM D5185m	22500	25150		
CONTAMINAN <sup>-</sup>	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>230	76		,
Sodium	ppm	ASTM D5185m		2		
otassium	ppm	ASTM D5185m	>20	4		
VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
'ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
ilt	scalar	*Visual	NONE	NONE		
ebris	scalar	*Visual	NONE	NONE		
and/Dirt	scalar	*Visual	NONE	NONE		
		*Visual	NORML	NORML		
Appearance Odor	scalar		NORML	NORML		
	scalar	*Visual				
Emulsified Water	scalar	*Visual	>.2	NEG		
ree Water	scalar	*Visual		NEG		

Submitted By: Paul Riddick

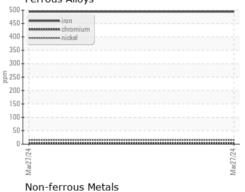


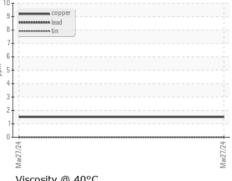
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## Ferrous Alloys





95 -	Viscosity @ 40°C	
90-		
85 -		
0°0	<u></u>	
70-C)	Base	
65 -		
60-	Abnormal	į
55 -	4	+
	7/2.27/2	/ar27/2
		Mar27/24 +





Certificate 12367

Laboratory

**Sample No.** : PCA0119984 Lab Number : 06141763 Unique Number : 10966571

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 08 Apr 2024 Tested : 09 Apr 2024 Diagnosed : 09 Apr 2024 - Wes Davis

**NW WHITE & CO - COLUMBIA DIVISION** 

100 INDEPENDENCE BLVD COLUMBIA, SC

US 29210 Contact: GEORGE EDWARDS gedwards@nwwhite.com

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)

Report Id: NWWCOL [WUSCAR] 06141763 (Generated: 04/09/2024 19:02:49) Rev: 1

Submitted By: Paul Riddick

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