

OIL ANALYSIS REPORT









Machine Id
460
Component
1 Differential

GEAR OIL SAE 80W90 (--- GAL

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

▲ Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

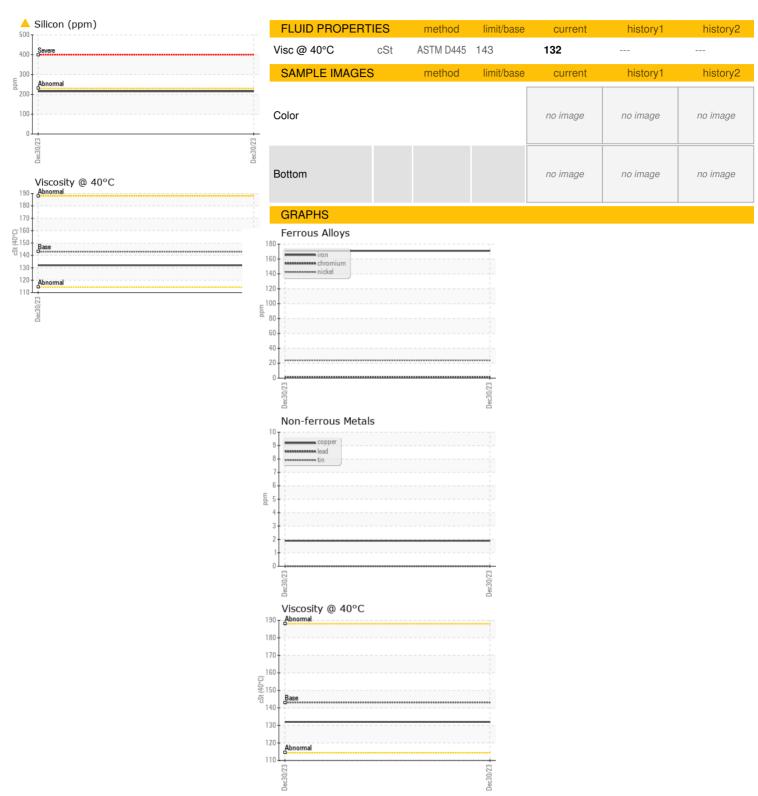
Fluid Condition

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

(GAL)						
SAMPLE INFORM	AATIONI			Dec2023	lata a mud	hi ataw 0
	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0847910		
ample Date		Client Info		30 Dec 2023		
lachine Age	hrs	Client Info		5743		
il Age	hrs	Client Info		5743		
Dil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Vater		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
on	ppm	ASTM D5185m	>1200	171		
hromium	ppm	ASTM D5185m	>8	1		
ickel	ppm	ASTM D5185m	>20	24		
itanium	ppm	ASTM D5185m	>4	0		
ilver	ppm	ASTM D5185m		0		
luminum	ppm	ASTM D5185m	>30	2		
ead	ppm	ASTM D5185m	>25	0		
opper	ppm	ASTM D5185m	>50	2		
in	ppm	ASTM D5185m	>5	0		
anadium	ppm	ASTM D5185m		0		
admium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
oron	ppm	ASTM D5185m	400	132		
arium	ppm	ASTM D5185m	200	<1		
olybdenum	ppm	ASTM D5185m	12	0		
anganese	ppm	ASTM D5185m		5		
agnesium	ppm	ASTM D5185m	12	2		
alcium	ppm	ASTM D5185m	150	23		
hosphorus	ppm	ASTM D5185m	1650	1077		
nc	ppm	ASTM D5185m	125	13		
ulfur	ppm	ASTM D5185m	22500	21883		
CONTAMINANTS		method	limit/base	current	history1	history2
licon	ppm	ASTM D5185m	>230	<u> </u>		
odium	ppm	ASTM D5185m	>170	6		
otassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
/hite Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
lt	scalar	*Visual	NONE	NONE		
	scalar	*Visual	NONE	NONE		
ebris	oodiai					
	scalar	*Visual	NONE	NONE		
and/Dirt		*Visual	NONE NORML	NONE NORML		
and/Dirt opearance	scalar					
ebris and/Dirt ppearance dor mulsified Water	scalar scalar	*Visual	NORML	NORML		



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Certificate L2367

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

: WC0847910 : 06063930 : 10835312 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 17 Jan 2024

Diagnosed : 20 Jan 2024 Diagnostician : Don Baldridge Apple Valley Waste - Chambersburg Location

5436 Sunset Pike Chambersburg, PA

US 17202 Contact: Service Manager

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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F: