

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area DICK LAVY DICK LAVY 4959

Rear Differential Fluid GEAR OIL SAE 75W90 (--- GAL)

DIAGNOSIS

A Recommendation

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

Wear

All component wear rates are normal.

Contamination

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

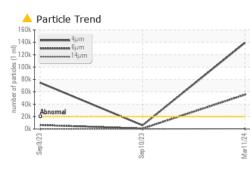
Fluid Condition

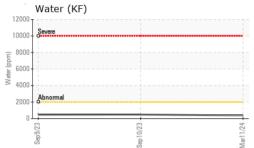
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

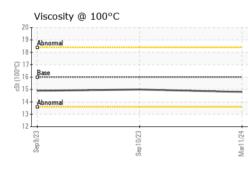
SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info WC0900815 WC0853931 WC0853930 09 Cep 2023 Machine Age mis Client Info 56198 455 455 Oli Age mis Client Info 0 0 0 Sample Status Client Info N/A N/A N/A N/A Sample Status Client Info N/A NORMAL NORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >10 <1 0 0 Trainium ppm ASTM D5185m >25 0 0 0 Trainium ppm ASTM D5185m >25 0 0 0 Cadmiun ppm ASTM D5185m >10 <1 0 0 Vanadium ppm ASTM D5185m 20 0 0 <td< th=""><th></th><th></th><th>Sep</th><th>2023</th><th>Sep2023 Mar2</th><th>024</th><th></th></td<>			Sep	2023	Sep2023 Mar2	024	
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FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>10	0	0	1
	Oil Cleanliness		ISO 4406 (c)	>21/19/16	A 24/23/16	20/17/12	▲ 23/20/13
Acid Number (AN) mg KOH/g ASTM D8045 2.00 2.60 2.59 3.45	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	2.00	2.60	2.59	3.45

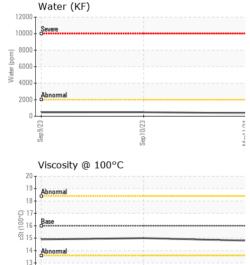


OIL ANALYSIS REPORT







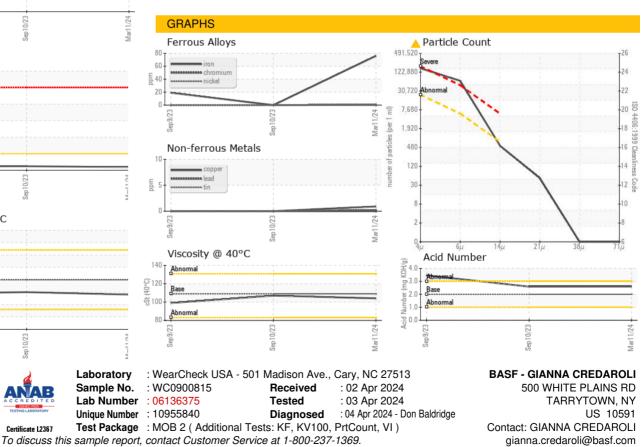


12

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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	104	107	99.0
Visc @ 100°C	cSt	ASTM D445	16.0	14.8	15.0	14.9
Viscosity Index (VI)	Scale	ASTM D2270	157	147	146	157
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color					•	

Bottom



* - 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)

Certificate L2367

Laboratory

Contact/Location: GIANNA CREDAROLI - BASTARHD

T:

F: