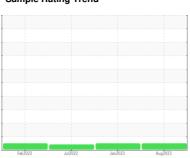


OIL ANALYSIS REPORT

Sample Rating Trend









Machine Id
DT735
Component
Rear Differential
Fluid

CHEVRON DELO SYNTHETIC GEAR 75W90 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

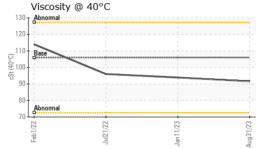
Fluid Condition

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

Client Info PCA0103258 PCA0080890 PCA007481 Cample Date Client Info 31 Aug 2023 11 Jan 2023 21 Jul 2022 Machine Age mls Client Info 154458 128802 104208 260660 Client Info 103804 0 260660 Client Info 103804 0 260660 NORMAL NORMAL ABNORMAL NORMAL NORMAL ABNORMAL NORMAL ABNORMAL NORMAL ABNORMAL NORMAL ABNORMAL NORMAL ABNORMAL NORMAL ABNORMAL ABNORMAL NORMAL ABNORMAL ABNORMAL ABNORMAL NORMAL ABNORMAL ANDRE ABNORMAL ABNORMAL ANDRE ABNORMAL ABNORMAL ANDRE ABNORMAL ABNORMAL ANDRE ANDR	TIC GEAR 75W90	(QTS)	Feb 202	2 Jul2022	Jan 2023 Au	ig2023	
Sample Date	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Machine Age mls	Sample Number		Client Info		PCA0103258	PCA0080890	PCA007481
Dil Age	Sample Date		Client Info		31 Aug 2023	11 Jan 2023	21 Jul 2022
Dil Changed Client Info Changed Not Changed NoRMAL NORMAL NORMAL NORMAL ABNORMAI	Machine Age	mls	Client Info		154458	128802	104208
NORMAL NORMAL ABNORMAL	Oil Age	mls	Client Info		103804	0	26060
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Chromium	Sample Status				NORMAL	NORMAL	ABNORMAL
Description	WEAR METAL	LS	method	limit/base	current	history1	history2
Nickel	ron	ppm	ASTM D5185m	>870	282	241	202
Description	Chromium	ppm	ASTM D5185m	>8	2	2	1
Astronomic Ast	Nickel	ppm	ASTM D5185m	>25	9	9	7
Aluminum	Titanium	ppm	ASTM D5185m	>4	<1	0	0
December	Silver	ppm	ASTM D5185m		0	0	<1
December	Aluminum	ppm	ASTM D5185m	>40	17	11	11
Copper	ead			>25			<1
Antimony	Copper		ASTM D5185m	>60	<1	<1	<1
Antimony							
Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 248 201 222 Boron ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 13 13 13 13 Magnesium ppm ASTM D5185m 47 46 51 51 Calcium ppm ASTM D5185m 119 116 120 Phosphorus ppm ASTM D5185m 1250 1253 1207 Zinc ppm ASTM D5185m 76 83 86 Sulfur ppm ASTM D5185m 25056 25208 25056 CONTAMINANTS method limit/base current history1 history2 Goldium ppm ASTM D5185m 2							
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Potassium ppm ASTM D5185m >20 0 <1 <1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE MODER NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE MODER NONE NONE Debris scalar *Visual NONE MODER NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Dodor scalar *Visual NORML NORML NORML NORML Dodor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >.2 NEG NEG NEG				7 200			
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Silt scalar *Visual NONE MODER NONE NONE Debris scalar *Visual NONE NONE NONE MODER Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Ddor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >.2 NEG NEG NEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debris scalar *Visual NONE NONE NONE MODER Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NORML NEG NEG NEG NEG NEG NEG NEG	Precipitate	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	Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Appearance scalar *Visual NORML NORML NORML NORML NORML Ddor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >.2 NEG NEG NEG	Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Odor scalar *Visual NORML NORM	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Odor scalar *Visual NORML NORM	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water scalar *Visual >.2 NEG NEG NEG	• •	scalar		NORML	NORML	NORML	NORML
	Free Water	scalar	*Visual				

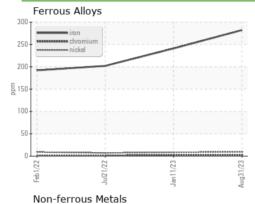


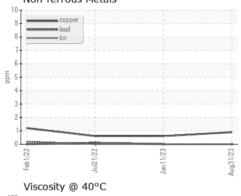
OIL ANALYSIS REPORT

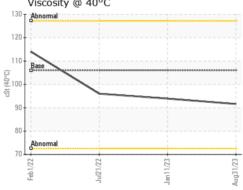




GRAPHS











Certificate L2367

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

: PCA0103258 : 05942545 : 10633157 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Diagnosed Diagnostician : Don Baldridge

: 05 Sep 2023 : 07 Sep 2023 NW WHITE & CO - ANDERSON DIVISION 2605 RIVER RD PIEDMONT, SC

US 29673 Contact: James Threatt jthreatt@nwwhite.com

T: (864)918-4646

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)