

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 2227111 Component Front Differential Fluid GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

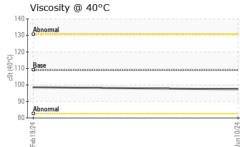
Fluid Condition

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

Sample Number Client Info PCA0128343 PCA0119545 Sample Date Client Info 10 Jun 2024 19 Feb 2024 Oil Age mis Client Info 41006 0 Oil Age mis Client Info 41006 21063 Oil Changed Client Info Not Changd Not Changd Sample Status Imathew method imitbase Current history history CONTAMINATION method imitbase current history history history WEAR METALS method imitbase current history history Ino ppm ASTM 05185m >10 4 Silver ppm ASTM 05185m >10 7 5 Aurinnum ppm ASTM 05185m >10 24 21 Cornomium ppm ASTM 05185m >10 1 <	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age mis Client Info 41006 0 Oil Age mis Client Info 41006 21063 Oil Changed Client Info Not Changd ABNORMAL Sample Status Immit/base current history1 history1 history1 Water WC Method -2 NEG NEG WEAR METALS method limit/base current history1 history1 history2 Iron ppm ASTM DS185m >500 324 267 Nickel ppm ASTM DS185m >10 4 4 Silver ppm ASTM DS185m 0 0 Copper ppm ASTM DS185m >10 1 2 Cadmium ppm ASTM DS185m 20 0 Copper ppm ASTM DS185m 10 1 Cado	Sample Number		Client Info		PCA0128343	PCA0119545	
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SiliconppmASTM D5185m>754041SodiumppmASTM D5185m87PotassiumppmASTM D5185m>203<1VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONEMODERSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORML	Sulfur	ppm	ASTM D5185m	22500	25371	27833	
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White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONEMODERSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORML	Potassium	ppm	ASTM D5185m	>20	3	<1	
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Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORML	Debris	scalar	*Visual			A MODER	
Odor scalar *Visual NORML NORML NORML	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water scalar *Visual >.2 NEG NEG	Emulsified Water	scalar	*Visual	>.2	NEG	NEG	
Free Water scalar *Visual NEG 7:06:42) Rev: 1 Contact/Location: ROBERT LOCKWOOD - PERGEOD	Free Water)7:06:42) Rev: 1	scalar	*Visual				



OIL ANALYSIS REPORT



	FLUID PROPE	RTIES m	ethod	limit/base	current	history1	history2
	Visc @ 40°C	cSt AST	M D445	109	97.4	98.6	
	SAMPLE IMAG	i ES m	ethod	limit/base	current	history1	history2
	Color				no image	no image	no image
Jun10/24	Bottom				no image	no image	no image
	GRAPHS						
	Ferrous Alloys			24 Junio24 Junio24			
	: WearCheck USA - 50 : PCA0128343 : 06220154 : 11098351 ELEET	1 Madison Av Received Tested Diagnose	: 25 : 26	, NC 27513 5 Jun 2024 5 Jun 2024 Jun 2024 - V			SAVANAH RD RGETOWN, DE US 19947



Unique Number : 11098351 Diagnosed : 26 Jun 2024 - Wes Davis Contact: ROBERT LOCKWOOD Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Robert.Lockwood@Perdue.com * - 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: PERGEODE [WUSCAR] 06220154 (Generated: 06/29/2024 07:06:42) Rev: 1

Contact/Location: ROBERT LOCKWOOD - PERGEODE

T:

F: