

No relevant graphs to display

RECOMMENDATION	PROBLEMATI	C TEST	RESULT	S			
No corrective action is recommended at this time.	Sample Status				ABNORMAL	NORMAL	NORMAL
Resample at the next service interval to monitor.	Debris	scalar	*Visual	NONE	🔺 MODER	NONE	NONE

Customer Id: PERGEODE Sample No.: PCA0099470 Lab Number: 06031025 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

30 Aug 2021 Diag: Don Baldridge



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



19 Oct 2020 Diag: Jonathan Hester



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.





OIL ANALYSIS REPORT

Sample Rating Trend



Component Rear Differential Fluid GEAR OIL SAE 75W90 (--- QTS)

DIAGNOSIS

Machine Id 1926747

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

Moderate concentration of visible dirt/debris present in the oil.

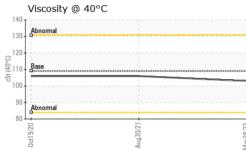
Fluid Condition

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

Sample Number Client Info PCA0039470 PCA0035192 PCA0035280 Sample Date I Client Info 28 May 2023 30 Aug 2021 19 Ocl 2020 Oil Age mis Client Info 282660 135728 5701 Oil Anged Mis Client Info 282660 Not Changd Not Changd Sample Status Client Info Mot Changd Not Changd Not Changd CONTAMINATION method Imititate current history1 history2 Water WC Method >2 NEG NC Not Changd Water WC Method >2 NEG NC Not Changd Itron ppm ASTM051850 >500 208 157 141 Chromium ppm ASTM051850 >10 21 18 15 Silver ppm ASTM051850 >50 2 3 3 3 Silver ppm ASTM051850 >10 0 0 0 Copper ppm ASTM051850 >10 0 0 0 Antimory ppm ASTM051850 10 1 1 1 Siderimin ppm ASTM05	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
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Machine AgemisClient inS28266013572857901OI AgoClient inReb ChangaNo ChangaNo ChangaNo ChangaNo ChangaNo ChangaSample StatusIInterestRet ChangaNo ChangaNo ChangaNo ChangaCONTAMINATIVWellenInterestNerdenNo ChangaNo ChangaWarVindenS.NEGNEGNegoWellenNoNegoNegoNegoNegoNegoS.S.S.S.NegoNegoNickelpmASM 05180S.S.S.S.S.NickelpmASM 05180S.OOOOSilverpmASM 05180S.OOOOAuminumpmASM 05180S.OOOOOCopperpmASM 05180S.OOOOOOAuminumpmASM 05180S.OO<	Sample Date		Client Info		28 May 2023	30 Aug 2021	19 Oct 2020
Oli Changed Client Info Not Changd ABNORMAL Not Changd NORMAL Not Changd NORMAL Not Changd NORMAL CONTAMINATION method limit/base current history1 history2 War VC Method >.2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185 >10 208 157 141 Chromium ppm ASTM 05185 >10 21 18 15 Titanium ppm ASTM 05185 >20 2 3 3 Lead ppm ASTM 05185 >25 0 1 0 Adminum ppm ASTM 05185 >10 0 0 0 Adminum ppm ASTM 05185 12 0 0 0 Adminum ppm ASTM 05185 12 1 <1 0 Adminum <td< th=""><th>Machine Age</th><th>mls</th><th>Client Info</th><th></th><th>-</th><th>-</th><th>57901</th></td<>	Machine Age	mls	Client Info		-	-	57901
Oli Changed Sample StatusClient Info Imit Mark ABNORMALNot Changd NORMALNot Changd NORMALCONTAMINATIONmethodlimit/basecurrenthistory1history2WaterWC Method.2NEGNEGNEGWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D518m>500208157141ChromiumppmASTM D518m>10211815TitaniumppmASTM D518m>2033LeadppmASTM D518m>25233LeadppmASTM D518m>25010AduminumppmASTM D518m>25010AduminumppmASTM D518m>10000AduminumppmASTM D518m>55010AdminumppmASTM D518m>10000AdminumppmASTM D518m10000AdminumppmASTM D518m10000AdminumppmASTM D518m12000AdminumppmASTM D518m121<10AdminumppmASTM D518m121<10AdminumppmASTM D518m121<10AdminumppmASTM D518m121<10 <t< th=""><th>Oil Age</th><th>mls</th><th>Client Info</th><th></th><th>282660</th><th>0</th><th>57901</th></t<>	Oil Age	mls	Client Info		282660	0	57901
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ZincppmASTM D5185m125151816SulfurppmASTM D5185m22500232472018920603CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>75211820SodiumppmASTM D5185m>75211820SodiumppmASTM D5185m664PotassiumppmASTM D5185m>20142VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONEMODERNONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	Calcium	ppm	ASTM D5185m	150	10	8	8
SulfurppmASTM D5185m22500232472018920603CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>75211820SodiumppmASTM D5185m>75211820SodiumppmASTM D5185m>20142VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEVLITENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONEMODERNONENONENONEDebrisscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORMLNORMLNORML	Phosphorus	ppm	ASTM D5185m	1650	1351	1232	1191
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SodiumppmASTM D5185m664PotassiumppmASTM D5185m>20142VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEVLITENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	CONTAMINAN	TS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20142VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEVLITENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	Silicon	ppm	ASTM D5185m	>75	21	18	20
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEVLITENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	Sodium	ppm	ASTM D5185m		6	6	4
White Metalscalar*VisualNONENONEVLITENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Potassium	ppm	ASTM D5185m	>20	1	4	2
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	White Metal	scalar	*Visual	NONE	NONE	VLITE	NONE
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONEMODERNONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG	Debris	scalar		NONE		NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>.2NEGNEG							
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >.2 NEG NEG NEG							
Emulsified Water scalar *Visual >.2 NEG NEG NEG							



OIL ANALYSIS REPORT



	FLUID PR	OPERTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	109	103	106	106
	SAMPLE I	MAGES	method	limit/base	current	history1	history2
21 +	Color				no image	no image	no image
Aug30/21	Bottom				no image	no image	no image
	GRAPHS						
	Non-ferrous	Aug3021		May28/23			
Laboratory		Aug30/21-			3 PER [DUE FARMS - G	EORGETOW
Laboratory Sample No Lab Number Unique Num rificate L2367 Test Packa discuss this sample repor Denotes test methods the	. : PCA0099470 er : 06031025 ber : 10780816 ige : FLEET ort, contact Customer	Received Diagnose Diagnose Service at 1-8	d : 11 [ed : 14 [tician : Don 200-237-1369	Dec 2023 Dec 2023 I Baldridge	C	20621	SAVANAH R RGETOWN, D US 1994 T LOCKWOC

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)