

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id **T2019** Component **Diesel Engine** Fluid CHEVRON 15W40 (--- GAL)

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION     method     imit/base     current     history1     history2       Sample Number     Client Info     16 Nov 2023     28 Aug 2023     19 May 2023       Machine Age     mis     Client Info     503104     484475     466215       Oil Age     mis     Client Info     0     0     18883       Oil Changed     Client Info     0     0     18883       Oil Changed     Client Info     0     0     18883       CONTAMINATION     method     Imit/base     current     history1     history2       Fuel     WC Method     >5     <1.0     <1.0     <1.0       Water     WC Method     >6.2     NEG     NEG     NEG       Water     WC Method     >6.2     0     0     <1     <1       Kindel     ppm     ASTM 05185     >4     <1     <1     <1     <1       Kindel     ppm     ASTM 05185     >2     0     0     <1     <1       Kindel     ppm			Nov2021	Feb2022 Apr2022	Dec2022 May2023	Nov2023	
Sample Date     Client Info     16 Nov 2023     28 Aug 2023     19 May 2023       Machine Age     mis     Client Info     503104     484475     466215       Oil Age     mis     Client Info     0     0     18883       Oil Changed     Client Info     O     0     0     18883       Oil Changed     Client Info     O     0     18883     0       Oil Changed     Client Info     O     0     0     18883       Oil Changed     Client Info     O     <1.0     NORMAL     NORMAL       CONTAMINATION     method     Imit/base     current     history1     history2       Fuel     WC Method     >5     <1.0     <1.0     <1.0       Ware     WC Method     >5     <1.0     <1.0     <1.0       Ware     WC Method     S0     <1.0     <1.0     <1.0     <1.0       Norsian     method     imit/base     current     history1     history2       Pin     ASTM 051855     >2	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age Oil AgemisClient Info503104484475466215Oil Changed Sample StatusClient InfoO018830Oil Changed Sample StatusIImit/basCurrantNORMALNORMALNORMALCONTAMINATOmethod5.5<1.0<1.0<1.0<1.0WaterVC Method5.0<1.0<1.0<1.0<1.0WaterVC Method5.0<1.0<1.0<1.0<1.0ByoolVC Method5.0<1.0<1.0<1.0<1.0WaterVC Method5.0<1.0<1.0<1.0<1.0WaterVC Method5.0<1.0<1.0<1.0<1.0WaterppmASTM 05155>1.0252422ChromiumppmASTM 05155>20<1<1.1NickelppmASTM 05155>20<1<1AtuminumppmASTM 05155>20<1<1AgeppmASTM 05155>20<1<1AdadiumppmASTM 05155>430<1AdadiumppmASTM 05155>430<1AdadiumppmASTM 05155>927915AdadiumppmASTM 05155<92791515AdadiumppmASTM 05155<92121212AdadiumppmASTM 05155<92	Sample Number		Client Info		WC0859255	PCA0085453	PCA0085440
Oil Age     mis     Client Info     0     0     18883       Oil Changed     Client Info     Changed     Vice Method     >5     <1.0     <1.0     <1.0     Vice Method     >5     <1.0     <1.0     <1.0     Vice Method     Sol     Vice Method     Sol     <1.0     <1.0     Vice Method     Sol     <1.0     <1.0     Vice Method     Sol     <1     <1     <1     <1     <1     <1     <1     Sol     <2     O     <1     Sol<     <1     <1     <1     <1     Sol<     Sol     <2     O     <1     Sol<     Sol     Sol     Sol     Sol     Sol     Sol     Sol     Sol	Sample Date		Client Info		16 Nov 2023	28 Aug 2023	19 May 2023
Oil Changed Sample Status     Client Info     Changed NORMAL     NORMAL     NEG     NEG	Machine Age	mls	Client Info		503104	484475	466215
Sample Status     NORMAL     NORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     imil/base     current     history1     history2       Fuel     WC Method     >5     <1.0     <1.0     <1.0       Water     WC Method     >5.2     NEG     NEG     NEG       Glycol     WC Method     >5.2     NEG     NEG     NEG       WEAR METALS     method     imil/base     current     history1     history2       Iron     ppm     ASTM D5185m     >44     <1     <1     <1       Nockel     ppm     ASTM D5185m     >2     0     0     <1       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Normum     ppm     ASTM D5185m     >2     10     <1     <1       Aduminum     ppm     ASTM D5185m     >4     1     0     <1       Lead     ppm     ASTM D5185m     >4     1     0     <1       Vanadiu	Oil Age	mls	Client Info		0	0	18883
CONTAMINATION     method     limit/base     current     history1     history2       Fuel     WC Method     >5     <1.0     <1.0     <1.0       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5165m     >110     25     24     22       Chromium     ppm     ASTM D5165m     >2     0     0     <1       Nickel     ppm     ASTM D5165m     >2     0     0     <1       Silver     ppm     ASTM D5165m     >2     0     0     <1       Silver     ppm     ASTM D5165m     >2     10     8     7       Lead     ppm     ASTM D5165m     >2     10     <1     1       Auminum     ppm     ASTM D5165m     >4     3     0     2       Copper     ppm     ASTM D5165m     >4     1     0     1	Oil Changed		Client Info		Changed	Changed	Changed
Fuel     WC Method     >5     <1.0	Sample Status				NORMAL	NORMAL	NORMAL
Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >110     25     24     22       Chromium     ppm     ASTM D5185m     >4     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Silver     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >45     3     0     2       Copper     ppm     ASTM D5185m     >4     1     0     <1       Vanadium     ppm     ASTM D5185m     610     0     0     0       Cadmium     ppm     ASTM D5185m     122     120     123     13 </th <th>CONTAMINATION</th> <th>N</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CONTAMINATION	N	method	limit/base	current	history1	history2
Glycol     WC Method     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >4     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Lead     ppm     ASTM D5185m     >25     10     8     7       Lead     ppm     ASTM D5185m     >4     <1     0     <1       Vanadium     ppm     ASTM D5185m     0     0     0     <1       Cadmium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     122     120     123       Manganesium     pp	Fuel		WC Method	>5	<1.0	<1.0	<1.0
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >110     25     24     22       Chromium     ppm     ASTM D5185m     >2     0     0     <11       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Silver     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Lead     ppm     ASTM D5185m     >2     10     8     7       Lead     ppm     ASTM D5185m     >4     1     0     <1       Vanadium     ppm     ASTM D5185m     4     1     0     <1       Cadmium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     122     120     123       Maganese     ppm     ASTM D5185m     669     645     675       Caliu	Water		WC Method	>0.2	NEG	NEG	NEG
Iron     ppm     ASTM D5185m     >110     25     24     22       Chromium     ppm     ASTM D5185m     >4     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     0     <1       Titanium     ppm     ASTM D5185m     >2     0     0     <1       Silver     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >2     0     0     <1       Lead     ppm     ASTM D5185m     >2     10     0     <1       Lead     ppm     ASTM D5185m     >4     <1     0     <1       Copper     ppm     ASTM D5185m     >4     <1     0     <1       Cadmium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     122     120     123       Manganese     ppm     ASTM D5185m     669     645     675       Caliu	Glycol		WC Method		NEG	NEG	NEG
Chromium     ppm     ASTM D5185m     >4     <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >2     0     0     <1	Iron	ppm	ASTM D5185m	>110	25	24	22
Titanium     ppm     ASTM D5185m     0     0     <1	Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Silver     ppm     ASTM D5185m     >2     0     0     <1	Nickel	ppm	ASTM D5185m	>2	0	0	<1
Atuminum     ppm     ASTM D5185m     >25     10     8     7       Lead     ppm     ASTM D5185m     >45     3     0     2       Copper     ppm     ASTM D5185m     >85     <1     3     1       Tin     ppm     ASTM D5185m     >4     <1     0     <1       Cadmium     ppm     ASTM D5185m     >4     <1     0     <1       Cadmium     ppm     ASTM D5185m     >4     <1     0     <1       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     122     120     123       Manganese     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     1507     1525     1592       Phosphorus	Titanium	ppm	ASTM D5185m		0	0	<1
Lead     ppm     ASTM D5185m     >45     3     0     2       Copper     ppm     ASTM D5185m     >85     <1     3     1       Tin     ppm     ASTM D5185m     >4     <1     0     <1       Vanadium     ppm     ASTM D5185m     >4     <1     0     <1       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     92     120     123       Maganese     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m	Silver	ppm	ASTM D5185m	>2	0	0	
Copper     ppm     ASTM D5185m     >85     <1	Aluminum	ppm	ASTM D5185m	>25	10	8	7
Tin     ppm     ASTM D5185m     >4     <1	Lead	ppm	ASTM D5185m	>45	3	0	2
Vanadium     ppm     ASTM D5185m     <1	Copper	ppm	ASTM D5185m	>85	<1	3	1
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     92     79     156       Magnesse     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29     30       Sodium     ppm     A	Tin	ppm	ASTM D5185m	>4	<1	0	<1
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     122     120     123       Manganese     ppm     ASTM D5185m     <1     <1     1       Magnesium     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     <	Vanadium	ppm	ASTM D5185m		<1	0	<1
Boron     ppm     ASTM D5185m     92     79     156       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Manganese     ppm     ASTM D5185m     122     120     123       Magnesium     ppm     ASTM D5185m     41     <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium     ppm     ASTM D5185m     0     0     0       Molybdenum     ppm     ASTM D5185m     122     120     123       Manganese     ppm     ASTM D5185m     <1     <1     1       Magnesium     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3<	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     122     120     123       Manganese     ppm     ASTM D5185m     <1     1     1       Magnesium     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/:mm	Boron	ppm	ASTM D5185m		92	79	
Manganese     ppm     ASTM D5185m     <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium     ppm     ASTM D5185m     669     645     675       Calcium     ppm     ASTM D5185m     1507     1525     1592       Phosphorus     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/.1mm     *ASTM D7414     >30     28.7     27.8     26.4	Molybdenum	ppm	ASTM D5185m		122	120	123
Calcium     ppm     ASTM D5185m     1507     1525     1592       Phosphorus     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/.mm<*ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.lmm<*ASTM D7415     >30     28.7     27.8     26.4       F	Manganese	ppm	ASTM D5185m		<1	<1	1
Phosphorus     ppm     ASTM D5185m     660     632     690       Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7644     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1	Magnesium	ppm	ASTM D5185m		669	645	675
Zinc     ppm     ASTM D5185m     834     803     868       Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7615     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27	Calcium	ppm	ASTM D5185m		1507	1525	1592
Sulfur     ppm     ASTM D5185m     2334     2792     2685       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7624     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414	Phosphorus	ppm	ASTM D5185m		660	632	690
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>30121429SodiumppmASTM D5185m>50223PotassiumppmASTM D5185m>20<113INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.80.70.5NitrationAbs/cm*ASTM D7624>2011.911.810.7SulfationAbs/lmm*ASTM D7415>3028.727.826.4FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2527.425.323.0	-	ppm					
Silicon     ppm     ASTM D5185m     >30     12     14     29       Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7615     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0	Sulfur	ppm	ASTM D5185m		2334	2792	2685
Sodium     ppm     ASTM D5185m     >50     2     2     3       Potassium     ppm     ASTM D5185m     >20     <1     1     3       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7415     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0	CONTAMINANTS		method	limit/base			
Potassium     ppm     ASTM D5185m     >20     <1							
INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7415     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0		ppm					
Soot %     %     *ASTM D7844     >3     0.8     0.7     0.5       Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7415     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0	Potassium	ppm	ASTM D5185m	>20	<1	1	3
Nitration     Abs/cm     *ASTM D7624     >20     11.9     11.8     10.7       Sulfation     Abs/.1mm     *ASTM D7415     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0	INFRA-RED		method	limit/base	current	history1	history2
Sulfation     Abs/.1mm     *ASTM D7415     >30     28.7     27.8     26.4       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     27.4     25.3     23.0				>3			
FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 27.4 25.3 23.0		Abs/cm		>20			
Oxidation Abs/.1mm *ASTM D7414 >25 27.4 25.3 23.0	Sulfation	Abs/.1mm	*ASTM D7415	>30	28.7	27.8	26.4
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Base Number (BN)     mg KOH/g     ASTM D2896     5.6     5.4     6.8	Oxidation	Abs/.1mm	*ASTM D7414	>25	27.4	25.3	23.0
	Base Number (BN)	mg KOH/g	ASTM D2896		5.6	5.4	6.8



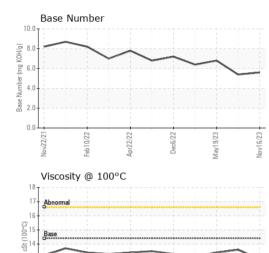
13 - Abnorma

12

Nov22/21

Feb10/22

# **OIL ANALYSIS REPORT**



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	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	14.4	12.9	13.6	13.4
GRAPHS						

