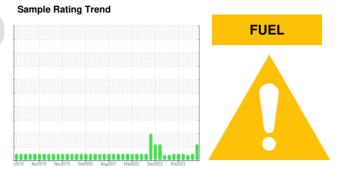


OIL ANALYSIS REPORT

DENNIS T DELANEY [DENNIS T DELANEY] 007 536790-7

Port Genset

CHEVRON DELO 400 XLE 15W40 (--- GAL)



DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring.

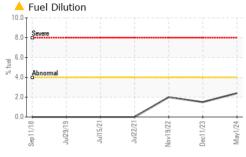
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is suitable for further service.

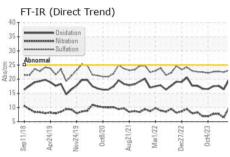
Sample Date Client Info 01 May 2024 01 Mar 2024 11 Dec 2023 Machine Age hrs Client Info 7209 6458 5506 Oil Age hrs Client Info 400 144 397 Oil Changed Client Info Changed Chan	SAMPLE INFORMA	TION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 7209 6458 5506 Oil Age hrs Client Info 400 144 397 Changed Changed Changed Changed Changed ABNORMAL NORMAL ATTENTION Sample Status	Sample Number		Client Info		MW0067902	MW0068130	MW0061592
Oil Age hrs Client Info 400 144 397 Oil Changed Client Info Changed Changed	Sample Date		Client Info		01 May 2024	01 Mar 2024	11 Dec 2023
Client Info	Machine Age	nrs	Client Info		7209	6458	5506
Coli Changed Changed Changed Changed ABNORMAL NORMAL ATTENTION CONTAMINATION method limit/base current history1 history2		nrs	Client Info		400	144	397
ABNORMAL ATTENTION CONTAMINATION method limit/base current history1 history2	-		Client Info		Changed	Changed	Changed
Water WC Method >0.1 NEG <							ATTENTION
Glycol WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 12 5 7 Chromium ppm ASTM D5185m >4 <1 <1 <1 Nickel ppm ASTM D5185m >2 0 0 0 Silver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >17 <1 0 0 Aluminum ppm ASTM D5185m >17 <1 0 0 Copper ppm ASTM D5185m >15 <1 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>CONTAMINATION</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	CONTAMINATION		method	limit/base	current	history1	history2
WEAR METALS	Water		WC Method	>0.1	NEG	NEG	NEG
Iron	Glycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >4 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>WEAR METALS</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	WEAR METALS		method	limit/base	current	history1	history2
Chromium ppm ASTM D5185m >4 <1 <1 <1 Nickel ppm ASTM D5185m >2 0 0 0 Titanium ppm ASTM D5185m >5 0 0 0 Siliver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >12 3 3 3 Lead ppm ASTM D5185m >17 <1	Iron p	opm	ASTM D5185m	>50	12	5	7
Nickel			ASTM D5185m	>4	<1	<1	<1
Titanium ppm ASTM D5185m <1 0 0 Silver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >12 3 3 3 Lead ppm ASTM D5185m >17 <1							
Silver	'				-		
Aluminum ppm ASTM D5185m >12 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				>5			
Lead ppm ASTM D5185m >17 <1 0 0 Copper ppm ASTM D5185m >70 1 <1 <1 Tin ppm ASTM D5185m >15 <1 0 <1 Vanadium ppm ASTM D5185m >15 <1 0 <1 Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 305 381 317 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 4 2 2 2 Manganese ppm ASTM D5185m 4 2 2 2 Manganesium ppm ASTM D5185m 1622 1625 1516 7 729 660 Calcium ppm ASTM D5185m 760 799 <	,						
Copper ppm ASTM D5185m >70 1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1					_		
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Vanadium ppm ASTM D5185m <1 0 <1 Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 305 381 317 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 141 133 127 Manganese ppm ASTM D5185m 4 2 2 2 Magnesium ppm ASTM D5185m 667 729 660 660 729 768 722 72					-		
Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 305 381 317 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 141 133 127 Mangaese ppm ASTM D5185m 4 2 2 Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM				>10			
ADDITIVES							
Boron ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 141 133 127 Manganese ppm ASTM D5185m 4 2 2 Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1 Fuel % ASTM D5185m >20 2 1 INFRA-RED method limit/base current history1 history2 Soot % "ASTM D7844 0.1 0.1 0.1 Nitration Abs/:1mm "ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/:1mm "ASTM D7414 >25 19.7 16.4 17.6	Caumum	эрпп	ASTIVI DSTOSIII		U	0	< 1
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 141 133 127 Manganese ppm ASTM D5185m 4 2 2 Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 141 133 127 Manganese ppm ASTM D5185m 4 2 2 Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1 2 Potassium ppm ASTM D5185m >20 2 0 <1 2 Potassium ppm ASTM D5185m >20 2 0	Boron p	opm	ASTM D5185m		305	381	317
Manganese ppm ASTM D5185m 4 2 2 Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1	Barium p	opm	ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m 667 729 660 Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1	Molybdenum p	opm	ASTM D5185m		141	133	127
Calcium ppm ASTM D5185m 1622 1625 1516 Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >0 <1							
Phosphorus ppm ASTM D5185m 760 799 768 722 Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1	Manganese p	opm	ASTM D5185m		4	2	2
Zinc ppm ASTM D5185m 830 882 896 842 Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m >20 2 0 <1 2 Potassium ppm ASTM D5185m >20 2 0 <1 2 Fuel % ASTM D3524 >4.0 2.4 <1.0 1.5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm </td <td>-</td> <td></td> <td></td> <td></td> <td>-</td> <td>_</td> <td>_</td>	-				-	_	_
Sulfur ppm ASTM D5185m 2770 2826 3117 2625 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m 0 <1	Magnesium p	opm	ASTM D5185m		667	729	660
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m 0 <1	Magnesium p	opm opm	ASTM D5185m ASTM D5185m	760	667 1622	729 1625	660 1516
Silicon ppm ASTM D5185m >25 8 6 7 Sodium ppm ASTM D5185m 0 <1 2 Potassium ppm ASTM D5185m >20 2 0 <1 Fuel % ASTM D3524 >4.0 2.4 <1.0 1.5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0.1 0.1 0.1 0.1 Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p	opm opm	ASTM D5185m ASTM D5185m ASTM D5185m		667 1622 799	729 1625 768	660 1516 722
Sodium ppm ASTM D5185m 0 <1 2 Potassium ppm ASTM D5185m >20 2 0 <1	Magnesium p Calcium p Phosphorus p Zinc p	opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	830	667 1622 799 882	729 1625 768 896	660 1516 722 842
Potassium ppm ASTM D5185m >20 2 0 <1 Fuel % ASTM D3524 >4.0 ▲ 2.4 <1.0 1.5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0.1 0.1 0.1 0.1 Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p	opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	830 2770	667 1622 799 882 2826	729 1625 768 896 3117	660 1516 722 842
Fuel % ASTM D3524 >4.0 ▲ 2.4 <1.0 1.5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0.1 0.1 0.1 Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p CONTAMINANTS	opm opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	830 2770 limit/base	667 1622 799 882 2826 current	729 1625 768 896 3117 history1	660 1516 722 842 2625 history2
INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0.1 0.1 0.1 Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p CONTAMINANTS Silicon p	opm opm opm opm opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m	830 2770 limit/base	667 1622 799 882 2826 current	729 1625 768 896 3117 history1	660 1516 722 842 2625 history2
Soot % % *ASTM D7844 0.1 0.1 0.1 Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p CONTAMINANTS Silicon p Sodium p	oppm oppm oppm oppm oppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	830 2770 limit/base >25	667 1622 799 882 2826 current 8	729 1625 768 896 3117 history1 6	660 1516 722 842 2625 history2 7
Nitration Abs/cm *ASTM D7624 >20 9.9 6.4 7.8 Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p CONTAMINANTS Silicon p Sodium p Potassium p	oppm oppm oppm oppm oppm	ASTM D5185m	830 2770 limit/base >25 >20	667 1622 799 882 2826 current 8 0	729 1625 768 896 3117 history1 6 <1	660 1516 722 842 2625 history2 7 2 <1
Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium p Calcium p Phosphorus p Zinc p Sulfur p CONTAMINANTS Silicon p Sodium p Potassium p Fuel 9	oppm oppm oppm oppm oppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m	830 2770 limit/base >25 >20 >4.0	667 1622 799 882 2826 current 8 0 2	729 1625 768 896 3117 history1 6 <1 0 <1.0	660 1516 722 842 2625 history2 7 2 <1
Sulfation Abs/.1mm *ASTM D7415 >30 23.1 22.5 22.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED	opm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D3524	830 2770 limit/base >25 >20 >4.0	667 1622 799 882 2826 current 8 0 2 2.4 current	729 1625 768 896 3117 history1 6 <1 0 <1.0 history1	660 1516 722 842 2625 history2 7 2 <1 1.5 history2
Oxidation Abs/.1mm *ASTM D7414 >25 19.7 16.4 17.6	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot %	oppm oppm oppm oppm oppm oppm oppm oppm	ASTM D5185m ASTM D3524	830 2770 limit/base >25 >20 >4.0 limit/base	667 1622 799 882 2826 current 8 0 2 2.4 current 0.1	729 1625 768 896 3117 history1 6 <1 0 <1.0 history1 0.1	660 1516 722 842 2625 history2 7 2 <1 1.5 history2 0.1
	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration PASSIUM PASS	oppm oppm oppm oppm oppm oppm oppm oppm	ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624	830 2770 limit/base >25 >20 >4.0 limit/base	667 1622 799 882 2826 current 8 0 2 2.4 current 0.1 9.9	729 1625 768 896 3117 history1 6 <1 0 <1.0 history1 0.1 6.4	660 1516 722 842 2625 history2 7 2 <1 1.5 history2 0.1 7.8
	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	oppm oppm oppm oppm oppm oppm oppm oppm	ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7415	830 2770 limit/base >25 >20 >4.0 limit/base >20 >30	667 1622 799 882 2826 current 8 0 2 2.4 current 0.1 9.9 23.1	729 1625 768 896 3117 history1 6 <1 0 <1.0 history1 0.1 6.4 22.5	660 1516 722 842 2625 history2 7 2 <1 1.5 history2 0.1 7.8
	Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation A FLUID DEGRADAT	oppm oppm oppm oppm oppm oppm oppm oppm	ASTM D5185m ASTM D3524 method *ASTM D7844 *ASTM D7624 *ASTM D7415 method	830 2770 limit/base >25 >20 >4.0 limit/base >20 >30 limit/base	667 1622 799 882 2826 current 8 0 2 2 2.4 current 0.1 9.9 23.1 current	729 1625 768 896 3117 history1 6 <1 0 <1.0 history1 0.1 6.4 22.5 history1	660 1516 722 842 2625 history2 7 2 <1 1.5 history2 0.1 7.8 22.7 history2

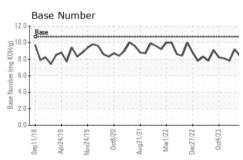


OIL ANALYSIS REPORT



Oxio	dation ation				
Abnormal	ation				
Abnomal	/\	~	1-1	~	
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~		~	~	~~	\checkmark
		~	\~ ~	へ 、	<u> </u>

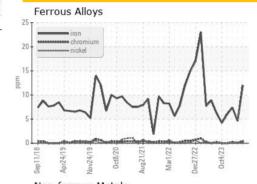


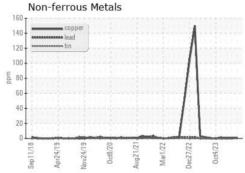


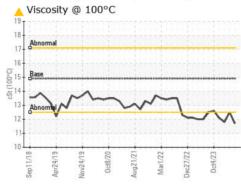
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
			>0.1			

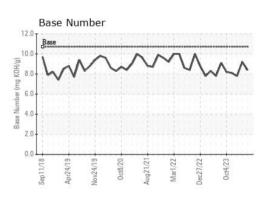
I LOID I NOI LI	TILO	memou	IIIIIII Dase	Current	HISTOLAL	HISTORYZ
Visc @ 100°C	cSt	ASTM D445	14.9	<u> </u>	12.5	11.8

GRAPHS













Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06202213

: MW0067902 Unique Number : 11069674

Received **Tested** Diagnosed

: 06 Jun 2024 : 10 Jun 2024

: 10 Jun 2024 - Wes Davis Test Package : MAR 2 (Additional Tests: FuelDilution, PercentFuel)

PADUCAH, KY US 42003 Contact: JEFF BISHOP jeff.bishop@ingrambarge.com T:

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)

F: (615)695-3697

INGRAM BARGE

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