

WEAR NORMAL CONTAMINATION SEVERE FLUID CONDITION ABNORMAL



RECOMMENDATION

Machine Id MACK 924053-SW1404

Diesel Engine

MOBIL DELVAC ELITE 15W40 (--- GAL)

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

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All component wear rates are normal.

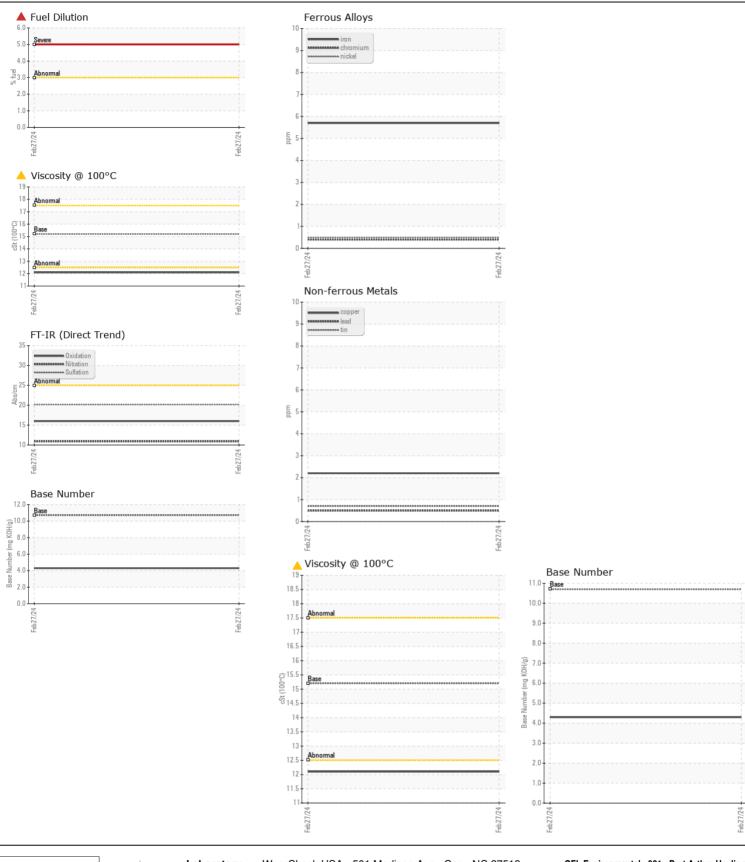
CONTAMINATION

There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

CI.	1.11		CO		ITI.		
ГL	U.	U		UN		VIN	

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 oil is no longer serviceable due to the presence of contaminants.

TestUOMMethodLimit/AnCurrentHistory1History2Sample NumberClient InfoGFL095461Machine AgehrsClient Info9544Oil AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoChangedOil ChangedClient InfoChangedSample StatusSEVEREIronppmASTM D5155n<>1206NickelppmASTM D5155n<>20<1NickelppmASTM D5155n<>20SilverppmASTM D5155n<>205AluminumppmASTM D5155n<>205LeadppmASTM D5155n<>330<1VanadumppmASTM D5155n<>330<1Yeltow Metalscalar*VisualNONEYeltow Metalscalar*VisualNONEYeltow Metalscalar*VisualNONEYeltow Metalscalar*VisualNONESiliconppmASTM D5155n2010.9Yeltow Metalscalar*VisualNONESilicon					\frown		
Sample DateClient Info27 Feb 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoChangedOil ChangedClient InfoChangedFilter ChangedClient InfoChangedSample StatusSEVEREIronppmASTM D5155m>20<1NickelppmASTM D5155m>2<1NickelppmASTM D5155m>2<1SilverppmASTM D5155m>20SAluminumppmASTM D5155m>3302QaadumppmASTM D5155m>3302VanadumppmASTM D5155m>3302Vellow Metalscalar"VisualNONENONEVellow Metalscalar"VisualNONENONEVellow Metalscalar"VisualNONENONESiliconppmASTM D5155m>303Vellow Metalscalar"VisualNONENONESiliconppmASTM D5155m <th>Test</th> <th>UOM</th> <th>Method</th> <th>Limit/Abn</th> <th>Current</th> <th>History1</th> <th>History2</th>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 9544 Oil Age hrs Client Info 0 Oil Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >120 6 Chromium ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >20 <1 Silver ppm ASTM D5185m >20 5 Aluminum ppm ASTM D5185m >20 5 Aluminum ppm ASTM D5185m >20 2 Vanadium ppm ASTM D5185m >20 3 Vanadium ppm ASTM D5185m >20 3 Van	Sample Number		Client Info		GFL0095461		
Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Gil Changed Client Info Changed Filter Changed Client Info Changed Sample Status SEVERE Nickel ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >2 <1 Silver ppm ASTM D5185m >2 <1 Lead ppm ASTM D5185m >20 <1 Vanadum ppm ASTM D5185m >20 <1 Vanadum ppm ASTM D5185m >20 <1 Veatadum ppm ASTM D5185m >20 3 Veatadum <t< th=""><th>Sample Date</th><th></th><th>Client Info</th><th></th><th>27 Feb 2024</th><th></th><th></th></t<>	Sample Date		Client Info		27 Feb 2024		
Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status SEVERE Iron ppm ASTM D5185m >120 6 Chromium ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >20 5 Silver ppm ASTM D5185m >20 5 Aluminum ppm ASTM D5185m >20 5 Aluminum ppm ASTM D5185m >30 2 1 Vanadium ppm ASTM D5185m >25 6 Vellow Metal scalar *Visual NONE NONE <	Machine Age	hrs	Client Info		9544		
Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status SEVERE Iron ppm ASTM D5185n >20 <1 Nickel ppm ASTM D5185n >2 <1 Nickel ppm ASTM D5185n >2 0 Aluminum ppm ASTM D5185n >2 0 Aluminum ppm ASTM D5185n >2 0 Vanadium ppm ASTM D5185n >1 Vanadium ppm ASTM D5185n >15 <1 Vanadium ppm ASTM D5185n >20 3 Vanadium ppm ASTM D5185n >20 3 Vanadium ppm ASTM D5185n >20 3	Oil Age	hrs	Client Info		0		
Filter Changed Sample Status Client Info Changed SEVERE Iron ppm ASTM D5185m >120 6 Iron ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >20 <1 Silver ppm ASTM D5185m >20 0 Aluminum ppm ASTM D5185m >20 0 Lead ppm ASTM D5185m >20 5 Vanadium ppm ASTM D5185m >330 2 Vanadium ppm ASTM D5185m >25 6 Ventledtetal scalar *Visual NONE NONE Ventlemetal scalar *Visual NONE	Filter Age	hrs	Client Info		0		
Filter Changed Sample Status Client Info Changed SEVERE Iron ppm ASTM D5185m >120 6 Iron ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >20 <1 Silver ppm ASTM D5185m >20 0 Aluminum ppm ASTM D5185m >20 0 Lead ppm ASTM D5185m >20 5 Vanadium ppm ASTM D5185m >330 2 Vanadium ppm ASTM D5185m >25 6 Ventledtetal scalar *Visual NONE NONE Ventlemetal scalar *Visual NONE	Oil Changed		Client Info		Changed		
Iron ppm ASTM D5185m >120 6 Chromium ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >2 <1 Titanium ppm ASTM D5185m >2 <1 Aluminum ppm ASTM D5185m >20 5 Aluminum ppm ASTM D5185m >20 5 Copper ppm ASTM D5185m >30 2 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >16 Vanadium ppm ASTM D5185m >20 3 Vanadium ppm ASTM D5185m >20 3 Vanadium ppm ASTM D5185m	Filter Changed		Client Info				
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Chromium ppm ASTM D5185m >20 <1							
Nickel ppm ASTM D5185m >5 <1	Iron	ppm	ASTM D5185m	>120	6		
Titanium ppm ASTM D5185m >2 <1	Chromium	ppm	ASTM D5185m	>20	<1		
Silver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >20 5 Lead ppm ASTM D5185m >40 <1 Copper ppm ASTM D5185m >330 2 Vanadium ppm ASTM D5185m >15 <1 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 3 Yellow Metal scalar *Visual NONE Silicon ppm ASTM D7624 >20 NEG Sot % % 'ASTM D7624 >20 10.9 Sulfation Abs/rm	Nickel	ppm	ASTM D5185m	>5	<1		
Aluminum ppm ASTM D5185m >20 5 Lead ppm ASTM D5185m >330 2 Copper ppm ASTM D5185m >330 2 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m<>20 3 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % % ASTM D7624 >20 10.9 Silt scalar *Visual <	Titanium	ppm	ASTM D5185m	>2	<1		
Lead ppm ASTM D5185m >40 <1	Silver	ppm	ASTM D5185m	>2	0		
Copper ppm ASTM D5185m >330 2 Tin ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m <1 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 3 Fuel % ASTM D5185m >20 3 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Sott % % *ASTM D7624 >20 10.9 Sulfation Abs/.tmm<"ASTM D7145 >30 20.2 Sulfation Abs/.tmm<"ASTM D7145 >30 20.2 Sulfation Abs/.tmm<"ASTM D	Aluminum	ppm	ASTM D5185m	>20	5		
Depth District Status District Status <th>Lead</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>40</th> <th><1</th> <th></th> <th></th>	Lead	ppm	ASTM D5185m	>40	<1		
Vanadium ppm ASTM D5185m <1	Copper	ppm	ASTM D5185m	>330	2		
Vanadium ppm ASTM D5185m <1	Tin	ppm	ASTM D5185m	>15	<1		
Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m<>25 6 Potassium ppm ASTM D5185m<>20 3 Fuel % ASTM D5185m<>20 A 5.0 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % *ASTM D7844<>4 0.3 Sulfation Abs/cm *ASTM D7624<>20 10.9 Sulfation Abs/imm *ASTM D7644<>20 10.9 Sulfation Abs/imm *ASTM D7644<>20 10.9 Sulfation Abs/imm *ASTM D7644<>20 10.9 Sulfation Abs/imm *ASTM D7644<>0 NONE Sand/Dirt scalar <th>Vanadium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th></th> <th></th> <th></th>	Vanadium	ppm	ASTM D5185m				
Silicon ppm ASTM D5185m< >25 6 Potassium ppm ASTM D5185m >20 3 Fuel % ASTM D5185m >20 3 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % *ASTM D7844 >4 0.3 Soot % % *ASTM D7624 >20 10.9 Sulfation Abs/.mm<*ASTM D7612 >30 20.2 Sulfation Abs/.mm<*ASTM D7612 >30 20.2 Sulfation Abs/.imm *ASTM D7614 >40 NONE Sulfation scalar *Visual NORM NORML Appearance scalar *Visual NORM NORML	White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 3 Fuel % ASTM D5324 >3.0 ▲ 5.0 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm<*ASTM D7624 >20 10.9 Sulfation Abs/.1m *ASTM D708 NORE	Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 3 Fuel % ASTM D5324 >3.0 ▲ 5.0 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm<*ASTM D7624 >20 10.9 Sulfation Abs/.1m *ASTM D708 NORE							
Fuel % ASTM D3524 >3.0 ▲ 5.0 Water WC Method >0.2 NEG Glycol WC Method >0.2 NEG Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm< *ASTM D7624 >20 10.9 Sulfation Abs/.1mm< *ASTM D715 >30 20.2 Sulfation Abs/.1mm< *ASTM D715 >30 20.2 Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORM NORML Odor scalar *Visual NOR 1-	Silicon	ppm	ASTM D5185m	>25	6		
Water WC Method >0.2 NEG Glycol WC Method NEG Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/cm *ASTM D7614 >30 20.2 Sulfation Abs/cm *ASTM D7615 >30 20.2 Sulfation Abs/cm *ASTM D7615 >30 20.2 Sulfation Abs/cm *Visual NONE Sulfation scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Glycor scalar *Visual NORML	Potassium	ppm	ASTM D5185m	>20	3		
Glycol WC Method NEG Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/cm *ASTM D7415 >30 20.2 Sulfation Abs/cm *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Boron ppm ASTM D5185m 3 Barium ppm ASTM D5185m 9 <th>Fuel</th> <th>%</th> <th>ASTM D3524</th> <th>>3.0</th> <th>5.0</th> <th></th> <th></th>	Fuel	%	ASTM D3524	>3.0	5 .0		
Soot % % *ASTM D7844 >4 0.3 Nitration Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/.1mm *ASTM D7624 >20 20.2 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Molybdenum ppm ASTM D5185m 3 Barium ppm ASTM D5185m 9 Magnesium ppm ASTM D5185m <41 Magnesium ppm ASTM D5185m 640 <th>Water</th> <th></th> <th>WC Method</th> <th>>0.2</th> <th>NEG</th> <th></th> <th></th>	Water		WC Method	>0.2	NEG		
Nitration Abs/cm *ASTM D7624 >20 10.9 Sulfation Abs/.1mm *ASTM D7624 >30 20.2 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Godor scalar *Visual >0.2 NEG Boron ppm ASTM D5185m 3 Molybdenum ppm ASTM D5185m 129 Maganesium ppm ASTM D5185m </th <th>Glycol</th> <th></th> <th>WC Method</th> <th></th> <th>NEG</th> <th></th> <th></th>	Glycol		WC Method		NEG		
SulfationAbs/.1mm*ASTM D7415>3020.2Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m3BoronppmASTM D5185m9MalganeseppmASTM D5185m9MagnesiumppmASTM D5185m<129MagnesiumppmASTM D5185m640PhosphorusppmASTM D5185m672ZincppmASTM D5185m3366SulfurppmASTM D5185m3366OxidationAbs/.1mm*ASTM D7414>2516.0Base Number (BN)mg KOH/gASTM D289610.74.3	Soot %	%	*ASTM D7844	>4	0.3		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m3BoronppmASTM D5185m9BariumppmASTM D5185m9MolybdenumppmASTM D5185m<129MagnesiumppmASTM D5185m<640PhosphorusppmASTM D5185m672ZincppmASTM D5185m832SulfurppmASTM D5185m3366OxidationAbs/1mm*ASTM D5185m16.0Base Number (BN)mg KOH/gASTM D289610.74.3	Nitration	Abs/cm	*ASTM D7624	>20	10.9		
Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m3BoronppmASTM D5185m9BariumppmASTM D5185m9MolybdenumppmASTM D5185m129MagneseppmASTM D5185m<11MagnesiumppmASTM D5185m640PhosphorusppmASTM D5185m672ZincppmASTM D5185m832SulfurppmASTM D5185m3366OxidationAbs/1mm*ASTM D5185m16.0Base Number (BN)mg KOH/gASTM D289610.74.3	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.2		
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m3BoronppmASTM D5185m9BariumppmASTM D5185m9MolybdenumppmASTM D5185m129MagneseppmASTM D5185m<11MagnesiumppmASTM D5185m640PhosphorusppmASTM D5185m672ZincppmASTM D5185m832SulfurppmASTM D5185m3366OxidationAbs/1mm*ASTM D5185m16.0Base Number (BN)mg KOH/gASTM D289610.74.3	Silt	scalar	*Visual	NONE	NONE		
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Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG Sodium ppm ASTM D5185m 3 Boron ppm ASTM D5185m 71 Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 9 Manganese ppm ASTM D5185m <1129 Magnesium ppm ASTM D5185m <640 Calcium ppm ASTM D5185m 640 Phosphorus ppm ASTM D5185m 1266 Zinc ppm ASTM D5185m 3366 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D289	Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.2 NEG Sodium ppm ASTM D5185m 3 Boron ppm ASTM D5185m 71 Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 9 Manganese ppm ASTM D5185m 129 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 6400 Phosphorus ppm ASTM D5185m 6400 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm<*ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7	Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 3 Boron ppm ASTM D5185m 71 Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 9 Manganese ppm ASTM D5185m 129 Magnesium ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 6400 Calcium ppm ASTM D5185m 6400 Phosphorus ppm ASTM D5185m 832 Zinc ppm ASTM D5185m 8326 Sulfur ppm ASTM D5185m 33666 Oxidation Abs/.1mm<*ASTM D7414<>25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 71 Barium ppm ASTM D5185m 9 Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 129 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 640 Calcium ppm ASTM D5185m 640 Phosphorus ppm ASTM D5185m 832 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm<*ASTM D7414<>25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 71 Barium ppm ASTM D5185m 9 Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 129 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 640 Calcium ppm ASTM D5185m 640 Phosphorus ppm ASTM D5185m 832 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm<*ASTM D7414<>25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3							
Barium ppm ASTM D5185m 9 Molybdenum ppm ASTM D5185m 129 Manganese ppm ASTM D5185m <11 Magnesium ppm ASTM D5185m <11 Magnesium ppm ASTM D5185m 640 Calcium ppm ASTM D5185m 1266 Phosphorus ppm ASTM D5185m 672 Zinc ppm ASTM D5185m 8322 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm<*ASTM D7414<>25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Sodium	ppm	ASTM D5185m		3		
Molybdenum ppm ASTM D5185m 129 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 640 Calcium ppm ASTM D5185m 1266 Phosphorus ppm ASTM D5185m 672 Zinc ppm ASTM D5185m 8322 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm<*ASTM D7141<>25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Boron	ppm	ASTM D5185m		71		
Manganese ppm ASTM D5185m <1		ppm					
Magnesium ppm ASTM D5185m 640 Calcium ppm ASTM D5185m 1266 Phosphorus ppm ASTM D5185m 672 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3		ppm	ASTM D5185m		129		
Calcium ppm ASTM D5185m 1266 Phosphorus ppm ASTM D5185m 672 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	U	ppm			<1		
Phosphorus ppm ASTM D5185m 672 Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D5185m 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3		ppm			640		
Zinc ppm ASTM D5185m 832 Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3		ppm					
Sulfur ppm ASTM D5185m 3366 Oxidation Abs/.1mm *ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Phosphorus	ppm	ASTM D5185m		672		
Oxidation Abs/.1mm *ASTM D7414 >25 16.0 Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Zinc	ppm	ASTM D5185m		832		
Base Number (BN) mg KOH/g ASTM D2896 10.7 4.3	Sulfur	ppm	ASTM D5185m		3366		
	Oxidation	Abs/.1mm	*ASTM D7414	>25	16.0		
Visc @ 100°C cSt ASTM D445 15.2 🔶 12.1 /	Base Number (BN)	mg KOH/g	ASTM D2896	10.7	4.3		
	Visc @ 100°C	cSt	ASTM D445	15.2	🔺 12.1 🏒		



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 GFL Environmental - 981 - Port Arthur Hauling Sample No. Received 1000 S Business Park Dr : GFL0095461 : 15 Apr 2024 Port Arthur, TX Lab Number : 06148310 Tested : 17 Apr 2024 Unique Number : 10978388 Diagnosed : 17 Apr 2024 - Wes Davis US 77640 Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel) Contact: MICHAEL KAY Certificate L2367 mkay@gflenv.com 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. T: (336)660-9331 F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)