

Machine Id LIEBHERR HS895 188244

Front Winch

GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

**WEAR** 

All component wear rates are normal.

## CONTAMINATION

There is no indication of any contamination in the oil.

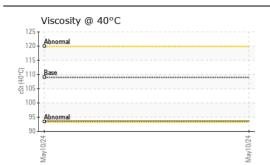
## FLUID CONDITION

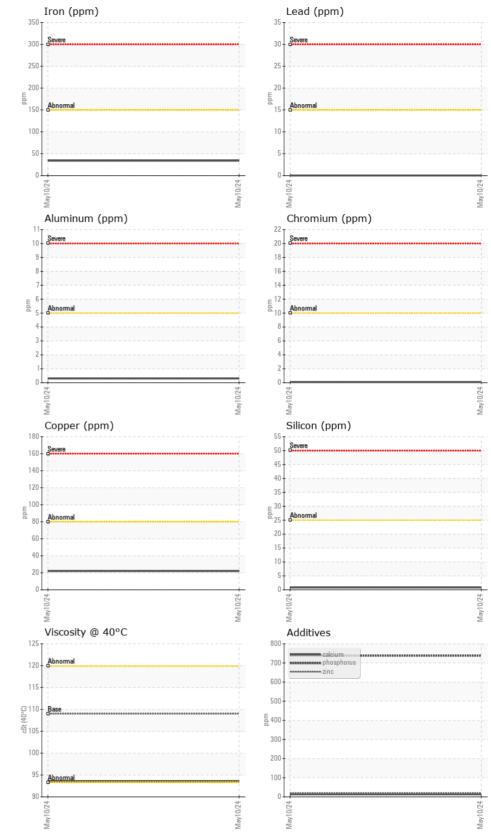
The condition of the oil is acceptable for the time in service.

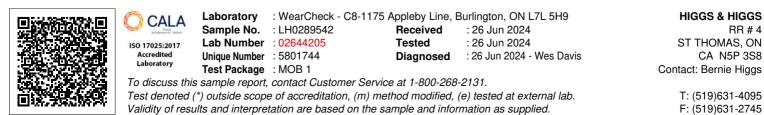
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Test         UOM         Method         Limit/Am         Current         History1         History2           Sample Number         Client Info         10 May 2024             Machine Age         hrs         Client Info         01 May 2024             Machine Age         hrs         Client Info         0             Oil Age         hrs         Client Info         0             Filter Age         hrs         Client Info         0             Filter Changed         Client Info         N/A             Sample Status         Client Info         N/A             Iron         ppm         ASTMD5185(m) >10         <1             Nickel         ppm         ASTMD5185(m) >10         <1             Nickel         ppm         ASTMD5185(m) >15         0             Aluminum         ppm         ASTMD5185(m) >80         2             Yandoium         ppm         ASTMD5185(m) >20         12         <	_						
Sample NumberClient InfoLH0289542Sample DateClient Info10 May 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient Info0Oil ChangedClient Info0Filter ChangedClient InfoN/ASample StatusVisual>15034IronppmASTM D5185(m)>10<1NickelppmASTM D5185(m)>10<1NickelppmASTM D5185(m)<1SilverppmASTM D5185(m)>10<1AluminumppmASTM D5185(m)>5<1AluminumppmASTM D5185(m)>5<1VanadiumppmASTM D5185(m)>2<1VanadiumppmASTM D5185(m)>2<1SiliconppmASTM D5185(m)>2<1Yallow MetalscalarVisual*NONENONESiliconppmASTM D5185(m)>2<1Yallow MetalscalarVisual*NONENONEP	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample DateClient Info10 May 2024Machine AgehrsClient Info21278Oil AgehrsClient Info0Filter AgehrsClient InfoChangedOil ChangedClient InfoChangedFilter ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusNORMALIronppmASTMD5185(m)>10<1NickelppmASTMD5185(m)>10<1NickelppmASTMD5185(m)>10AluminumppmASTMD5185(m)>5<1AluminumppmASTMD5185(m)>501VanadiumppmASTMD5185(m)>50VanadiumppmASTMD5185(m)>50Yallow MetalscalarVisual*NONENONESiliconppmASTMD5185(m)>2012Yallow MetalscalarVisual*NONENONESiliconppmASTMD5185(m)>2012Yallow MetalscalarVisual*NONENONESiliconppmASTMD5185(m)2012 <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>LH0289542</th><th></th><th></th></t<>	Sample Number		Client Info		LH0289542		
Oil Age         hrs         Client Info         O            Filter Age         hrs         Client Info         O             Oil Changed         Client Info         N/A             Filter Changed         Client Info         N/A             Sample Status         NORMAL             Iron         ppm         ASTM D5185(m)         >10             Nickel         ppm         ASTM D5185(m)         >10             Nickel         ppm         ASTM D5185(m)         >10             Nickel         ppm         ASTM D5185(m)         >10             Aluminum         ppm         ASTM D5185(m)         >5         <1             Lead         ppm         ASTM D5185(m)         >50              Vanadium         ppm         ASTM D5185(m)         >20              Value         visual*         NONE         NONE             Vallow Met	Sample Date		Client Info		10 May 2024		
Filter Age         hrs         Client Info         0             Oil Changed         Client Info         NA             Sample Status         NORMAL             Iron         ppm         ASTM D5185(m)         >10         34             Iron         ppm         ASTM D5185(m)         >10         <1             Nickel         ppm         ASTM D5185(m)         >10         <1             Nickel         ppm         ASTM D5185(m)         >10         <1             Aluminum         ppm         ASTM D5185(m)         >5         <1             Aluminum         ppm         ASTM D5185(m)         >5         <1             Lead         ppm         ASTM D5185(m)         >50         0             Vanadium         ppm         ASTM D5185(m)         >20         10             Value         scalar         Visual*         NONE         NONE             Valo	Machine Age	hrs	Client Info		21278		
Oil Changed         Client Info         Changed            Filter Changed         Client Info         N/A            Sample Status         NORMAL             Iron         ppm         ASTM D5186(m)<>150         34             Chromium         ppm         ASTM D5186(m)<>10         <1             Nickel         ppm         ASTM D5186(m)<>10         <1             Silver         ppm         ASTM D5186(m)         <0             Aluminum         ppm         ASTM D5186(m)         <5         0             Aluminum         ppm         ASTM D5185(m)         >50         0             Vanadium         ppm         ASTM D5185(m)         >50         0             Yellow Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE              Yellow Metal         scalar         Visual*         NONE </th <th>Oil Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th>	Oil Age	hrs	Client Info		0		
Filter Changed         Client Info         N/A            Sample Status         NORMAL             Iron         ppm         ASTM D5185(m)<>150         34            Chromium         ppm         ASTM D5185(m)<>10         <1            Nickel         ppm         ASTM D5185(m)         >10         <1            Nickel         ppm         ASTM D5185(m)         0             Silver         ppm         ASTM D5185(m)         <1	Filter Age	hrs	Client Info		0		
Sample Status         NORMAL            Iron         ppm         ASTM D5185(m)         >100         34            Chromium         ppm         ASTM D5185(m)         >10         <1            Nickel         ppm         ASTM D5185(m)         >10         <1            Nickel         ppm         ASTM D5185(m)         >10         <1            Silver         ppm         ASTM D5185(m)         <1             Aluminum         ppm         ASTM D5185(m)         >5         <1             Lead         ppm         ASTM D5185(m)         >50         22             Vanadium         ppm         ASTM D5185(m)         >80         22             Yellow Metal         scalar         Visual*         NONE         NONE	Oil Changed		Client Info		Changed		
Iron         ppm         ASTM D5185(m)         >150         34             Chromium         ppm         ASTM D5185(m)         >10         <1             Nickel         ppm         ASTM D5185(m)         >10         <1             Titanium         ppm         ASTM D5185(m)         <1             Aluminum         ppm         ASTM D5185(m)         >5         <1             Aluminum         ppm         ASTM D5185(m)         >5         <1             Lead         ppm         ASTM D5185(m)         >5         <1             Vanadium         ppm         ASTM D5185(m)         >80         22             Vanadium         ppm         ASTM D5185(m)         >80         0             Vanadium         ppm         ASTM D5185(m)         >20         12             Vanadium         ppm         ASTM D5185(m)         >20         12             Yellow Metal         scalar	Filter Changed		Client Info		N/A		
International         Interna         International         International<	Sample Status				NORMAL		
International         Interna         International         International<							
Nickel         ppm         ASTM D5185(m)         >10         <1	-	ppm	( )		-		
Titanium         ppm         ASTM D5185(m)         0            Silver         ppm         ASTM D5185(m)         <1            Aluminum         ppm         ASTM D5185(m)         >5         <1            Lead         ppm         ASTM D5185(m)         >15         0            Lead         ppm         ASTM D5185(m)         >80         22            Copper         ppm         ASTM D5185(m)         >80         22            Vanadium         ppm         ASTM D5185(m)         >80         22            Vanadium         ppm         ASTM D5185(m)         >80         21            Vanadium         ppm         ASTM D5185(m)         >25         <1            Vanadium         ppm         ASTM D5185(m)         >25         <1            Vellow Metal         scalar         Visual*         NONE         NONE            Silicon         ppm         ASTM D5185(m)         >20         NEG             Silit         scalar         Visual*         NONE         NORE		ppm	ASTM D5185(m)	>10			
Silver         ppm         ASTM D5185(m)         <1		ppm		>10			
Aluminum         ppm         ASTM D5185(m)         >5         <1		ppm	ASTM D5185(m)		0		
Lead         ppm         ASTM D5185(m)         >15         0            Copper         ppm         ASTM D5185(m)         >80         22             Tin         ppm         ASTM D5185(m)         >80         0             Vanadium         ppm         ASTM D5185(m)         O             White Metal         scalar         Visual*         NONE             Yellow Metal         scalar         Visual*         NONE             Silicon         ppm         ASTM D5185(m)         >25         <1             Yellow Metal         scalar         Visual*         NONE              Silicon         ppm         ASTM D5185(m)         >20         12             Water         WC Method         >0.2         NEG             Sulf         scalar         Visual*         NORE         NORE            Appearance         scalar         Visual*         NORM         NORML		ppm					
Copper         ppm         ASTM D5185(m)         >80         22             Tin         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             White Metal         scalar         Visual*         NONE             Yellow Metal         scalar         Visual*         NONE             Silicon         ppm         ASTM D5185(m)         >25         <1             Silicon         ppm         ASTM D5185(m)         >20         12             Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         VLITE             Debris         scalar         Visual*         NORE         NONE             Appearance         scalar         Visual*         NORML         NORML             Odor         scalar         Visual*         >0.2         NEG		ppm	· · /				
Tin         ppm         ASTM D5185(m)         0            Vanadium         ppm         ASTM D5185(m)         0            White Metal         scalar         Visual*         NONE         NONE            Yellow Metal         scalar         Visual*         NONE         NONE            Yellow Metal         scalar         Visual*         NONE         NONE            Silicon         ppm         ASTM D5185(m)         >20         12             Potassium         ppm         ASTM D5185(m)         >20         NEG             Water         WC Method         >0.2         NEG             Sand/Dirt         scalar         Visual*         NONE             Appearance         scalar         Visual*         NORML         NORML             Godor         scalar         Visual*         NORML         NORML             Sodium         ppm         ASTM D5185(m)         2.0         NEG             Boron         pp		ppm		>15	0		
Vanadium         ppm         ASTM D5185(m)         O             White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Silicon         ppm         ASTM D5185(m)         >20         12             Potassium         ppm         ASTM D5185(m)         >20         12             Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML             Odor         scalar         Visual*         NORML         NORML             Boron         ppm         ASTM D5185(m)         20.2         NEG             Molybdenum         pm         ASTM D5185(	Copper	ppm	ASTM D5185(m)	>80	22		
White Metal         scalar         Visual*         NONE         NONE            Yellow Metal         scalar         Visual*         NONE         NONE             Silicon         ppm         ASTM D5185(m)         >25         <1             Potassium         ppm         ASTM D5185(m)         >20         12             Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         VLITE             Debris         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORM         NORML             Odor         scalar         Visual*         NORM         NORML             Sodium         ppm         ASTM D5185(m)         202         NEG             Boron         ppm         ASTM D5185(m)         200         <1             Molybdenum         ppm         ASTM D5185(m) <th>Tin</th> <th>ppm</th> <th>( )</th> <th></th> <th>-</th> <th></th> <th></th>	Tin	ppm	( )		-		
Yellow Metal         scalar         Visual*         NONE         NONE            Silicon         ppm         ASTM D5185(m)         >25         <1             Potassium         ppm         ASTM D5185(m)         >20         12             Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         VLITE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NORE             Appearance         scalar         Visual*         NORM         NORML             Odor         scalar         Visual*         NORM         NORML             Sodium         ppm         ASTM D5185(m)         >0.2         NEG             Boron         ppm         ASTM D5185(m)         200         <1             Molybdenum         ppm         ASTM D5185(m)		ppm	ASTM D5185(m)		0		
SiliconppmASTM D5185(m)>25<1	White Metal	scalar	Visual*	NONE	NONE		
Potassium         ppm         ASTM D5185(m)         >20         12            Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         VLITE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML             Odor         scalar         Visual*         NORML         NORML             Molybdenum         ppm         ASTM D5185(m)         >0.2         NEG             Sodium         ppm         ASTM D5185(m)         400         58             Boron         ppm         ASTM D5185(m)         200         <1             Molybdenum         ppm         ASTM D5185(m)         12         0             Magnesium         ppm         ASTM D5185(m)	Yellow Metal	scalar	Visual*	NONE	NONE		
Potassium         ppm         ASTM D5185(m)         >20         12            Water         WC Method         >0.2         NEG             Silt         scalar         Visual*         NONE         VLITE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML             Odor         scalar         Visual*         NORML         NORML             Molybdenum         ppm         ASTM D5185(m)         >0.2         NEG             Sodium         ppm         ASTM D5185(m)         400         58             Boron         ppm         ASTM D5185(m)         200         <1             Molybdenum         ppm         ASTM D5185(m)         12         0             Magnesium         ppm         ASTM D5185(m)	Silicon	nnm	ASTM D5185(m)	>25	<i>c</i> 1		
WaterWC Method>0.2NEGSiltscalarVisual*NONEVLITEDebrisscalarVisual*NONENONESand/DirtscalarVisual*NONENONEAppearancescalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)200<1BoronppmASTM D5185(m)200<1MalganeseppmASTM D5185(m)120MagnesiumppmASTM D5185(m)150113PhosphorusppmASTM D5185(m)1650738ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)12518368							
DebrisscalarVisual*NONENONESand/DirtscalarVisual*NORNOREAppearancescalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)40058BoronppmASTM D5185(m)200<1BariumppmASTM D5185(m)200<1MolybdenumppmASTM D5185(m)120MagnesiumppmASTM D5185(m)123PhosphorusppmASTM D5185(m)15013ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)2250018368		le le	( )				
DebrisscalarVisual*NONENONESand/DirtscalarVisual*NORNOREAppearancescalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)40058BoronppmASTM D5185(m)200<1MalganeseppmASTM D5185(m)200<1MagnesiumppmASTM D5185(m)123MagnesiumppmASTM D5185(m)15013PhosphorusppmASTM D5185(m)1650738ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)2250018368	Silt	scalar	Visual*	NONE	VLITE		
AppearancescalarVisual*NORMLNORMLOdorscalarVisual*NORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)20058BoronppmASTM D5185(m)200<1BariumppmASTM D5185(m)200<1MolybdenumppmASTM D5185(m)120ManganeseppmASTM D5185(m)123MagnesiumppmASTM D5185(m)15013PhosphorusppmASTM D5185(m)1650738ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)2250018368	Debris		Vieucl*	-			
OdorscalarVisual*NORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)7BoronppmASTM D5185(m)40058BariumppmASTM D5185(m)200<1MolybdenumppmASTM D5185(m)120ManganeseppmASTM D5185(m)123MagnesiumppmASTM D5185(m)123CalciumppmASTM D5185(m)15013PhosphorusppmASTM D5185(m)1650738ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)2250018368			visualii	NONE	NONE		
OdorscalarVisual*NORMLNORMLNORMLEmulsified WaterscalarVisual*>0.2NEGSodiumppmASTM D5185(m)7BoronppmASTM D5185(m)40058BariumppmASTM D5185(m)200<1MolybdenumppmASTM D5185(m)120ManganeseppmASTM D5185(m)123MagnesiumppmASTM D5185(m)15013PhosphorusppmASTM D5185(m)1650738ZincppmASTM D5185(m)12519SulfurppmASTM D5185(m)2250018368	Sand/Dirt	scalar					
Sodium         ppm         ASTM D5185(m)         7             Boron         ppm         ASTM D5185(m)         400         58             Barium         ppm         ASTM D5185(m)         200         <1             Molybdenum         ppm         ASTM D5185(m)         200         <1             Manganese         ppm         ASTM D5185(m)         12         0             Magnesium         ppm         ASTM D5185(m)         12         3             Calcium         ppm         ASTM D5185(m)         120         13             Phosphorus         ppm         ASTM D5185(m)         1650         738             Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368			Visual*	NONE	NONE		
Boron         ppm         ASTM D5185(m)         400         58            Barium         ppm         ASTM D5185(m)         200         <1            Molybdenum         ppm         ASTM D5185(m)         12         0            Manganese         ppm         ASTM D5185(m)         12         0            Magnesium         ppm         ASTM D5185(m)         12         3            Calcium         ppm         ASTM D5185(m)         12         3            Phosphorus         ppm         ASTM D5185(m)         150         13            Zinc         ppm         ASTM D5185(m)         1650         738            Sulfur         ppm         ASTM D5185(m)         125         19	Appearance	scalar	Visual* Visual*	NONE NORML	NONE		
Boron         ppm         ASTM D5185(m)         400         58            Barium         ppm         ASTM D5185(m)         200         <1            Molybdenum         ppm         ASTM D5185(m)         12         0            Manganese         ppm         ASTM D5185(m)         12         0            Magnesium         ppm         ASTM D5185(m)         12         3            Calcium         ppm         ASTM D5185(m)         12         3            Phosphorus         ppm         ASTM D5185(m)         150         13            Zinc         ppm         ASTM D5185(m)         1650         738            Sulfur         ppm         ASTM D5185(m)         125         19	Appearance Odor	scalar scalar	Visual* Visual* Visual*	NONE NORML NORML	NONE NORML NORML		
Barium         ppm         ASTM D5185(m)         200         <1	Appearance Odor	scalar scalar	Visual* Visual* Visual*	NONE NORML NORML	NONE NORML NORML		
Molybdenum         ppm         ASTM D5185(m)         12         0            Manganese         ppm         ASTM D5185(m)         12         3             Magnesium         ppm         ASTM D5185(m)         12         3             Magnesium         ppm         ASTM D5185(m)         12         3             Calcium         ppm         ASTM D5185(m)         150         13             Phosphorus         ppm         ASTM D5185(m)         1650         738             Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water	scalar scalar scalar	Visual* Visual* Visual* Visual*	NONE NORML NORML	NONE NORML NORML NEG		
Manganese         ppm         ASTM D5185(m)         <1	Appearance Odor Emulsified Water Sodium	scalar scalar scalar ppm	Visual* Visual* Visual* Visual* ASTM D5185(m)	NONE NORML NORML >0.2	NONE NORML NORML NEG 7		
Magnesium         ppm         ASTM D5185(m)         12         3             Calcium         ppm         ASTM D5185(m)         150         13             Phosphorus         ppm         ASTM D5185(m)         1650         738             Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2	NONE NORML NORML NEG 7 58		
Calcium         ppm         ASTM D5185(m)         150         13            Phosphorus         ppm         ASTM D5185(m)         1650         738             Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200	NONE NORML NORML NEG 7 58 <1		
Phosphorus         ppm         ASTM D5185(m)         1650         738             Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200	NONE NORML NEG 7 58 <1 0		
Zinc         ppm         ASTM D5185(m)         125         19             Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar ppm ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML >0.2 400 200 12	NONE NORML NORML NEG 7 58 <1 0 <1		
Sulfur         ppm         ASTM D5185(m)         22500         18368	Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar ppm ppm ppm ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200 12 12	NORML NORML NEG 7 58 <1 0 <1 3		
	Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar ppm ppm ppm ppm ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200 12 12 12	NONE NORML NORML NEG 7 58 <1 0 <1 3 13		
Visc @ 40°C cSt ASTM D7279(m) 109 93.5	Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar ppm ppm ppm ppm ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200 12 12 12 12 12 150 1650	NONE NORML NORML NEG 7 58 <1 0 <1 3 13 13 738		
	Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	NONE NORML NORML >0.2 400 200 12 12 12 150 1650 125	NONE NORML NORML NEG 7 58 <1 0 <1 3 13 738 19		

Contact/Location: Bernie Higgs - HIGSTT







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