

NORMAL WEAR CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id **Splitter Box**

LIEBHERR A934C 061188-1419

GEAR OIL SAE 80W90 (3 LTR)

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 80W90. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

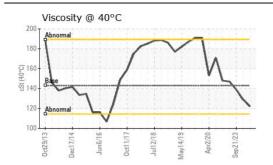
There is no indication of any contamination in the oil.

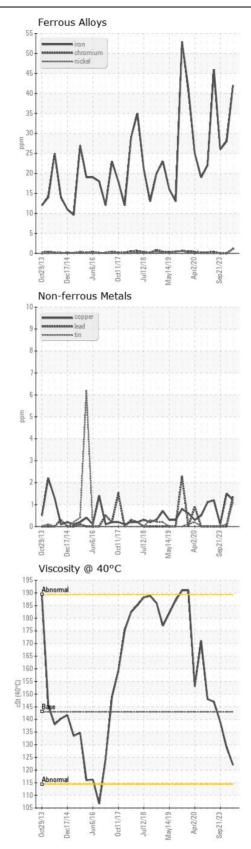
FLUID CONDITION

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

Sample DateClient Info30 Jan 202410 Nov 202321 Sep 2023Machine AgehrsClient Info281742756227222Oil AgehrsClient Info1000500500Filter AgehrsClient Info000Oil ChangedClient InfoChangedChangedChangedFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/ASample StatusSample StatusSample StatusSample Status00IronppmASTM D5185m>880422826ChromiumppmASTM D5185m>5100NickelppmASTM D5185m>5100SilverppmASTM D5185m>5100AuminumppmASTM D5185m>55100QapperppmASTM D5185m>55100VanadiumppmASTM D5185m>55100VanadiumppmASTM D5185m>55100VanadiumppmASTM D5185m>55100VanadiumppmASTM D5185m>55100VanadiumppmASTM D5185m>55100VanadiumppmASTM D5185m>55632SiliconppmASTM D5185m>50 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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Filter ChangedClient InfoNAN/AN/ASample StatusClient InfoNAN/AN/ASample StatusViaNORMALNORMALNORMALIronppmASTM D5185m>880422.82.6ChromiumppmASTM D5185m>5100NickelppmASTM D5185m>5100SilverppmASTM D5185m>5<100AluminumppmASTM D5185m>5<100AluminumppmASTM D5185m>5100CopperppmASTM D5185m>5100VanadiumppmASTM D5185m>5100VanadiumppmASTM D5185m>5100VanadiumppmASTM D5185m>5632Vellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>55632PotassiumppmASTM D5185m>20402WaterWC Method>0.1NGENONENONESiliconppmASTM D5185m>20402PotassiumppmASTM D5185m>20402Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORENORENO	Filter Age	hrs	Client Info		0	0	0
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Silver ppm ASTM D5185m >5 <1					-	-	-
Aluminum ppm ASTM D5185m >15 2 <1					-		
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Magnesium ppm ASTM D5185m 12 6 <1	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	 >0.1 NONE NONE NORML >0.1 >170 400 200 	NEG NONE NONE NORML NORML NEG 7 7 7	NEG NONE NONE NORML NORML NEG 11 8 0	NEG NONE NONE NORML NORML NEG 14 9 0
Calcium ppm ASTM D5185m 150 56 19 19 Phosphorus ppm ASTM D5185m 1650 896 885 880 Zinc ppm ASTM D5185m 125 66 13 14 Sulfur ppm ASTM D5185m 22500 24020 20829 20814	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	 >0.1 NONE NONE NORML >0.1 >170 400 200 	NEG NONE NONE NORML NORML NEG 7 7 7 2	NEG NONE NONE NORML NORML NEG 11 8 0 <1	NEG NONE NONE NORML NORML NEG 14 9 0
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Contact/Location: CHRIS GILMER - NORMINLH





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

Received

Diagnosed

Tested

: 24 Apr 2024

: 25 Apr 2024

NORTHERN METAL RECYCLING 2800 PACIFIC ST N MINNEAPOLIS, MN : 25 Apr 2024 - Wes Davis US 55411 Contact: CHRIS GILMER chris.gilmer@emrgroup.com T: (612)305-7338 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Certificate L2367

Laboratory

Sample No.

Lab Number : 06159919

Unique Number : 10995342

Test Package : CONST

: LH0272396

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.

Contact/Location: CHRIS GILMER - NORMINLH Page 2 of 2