

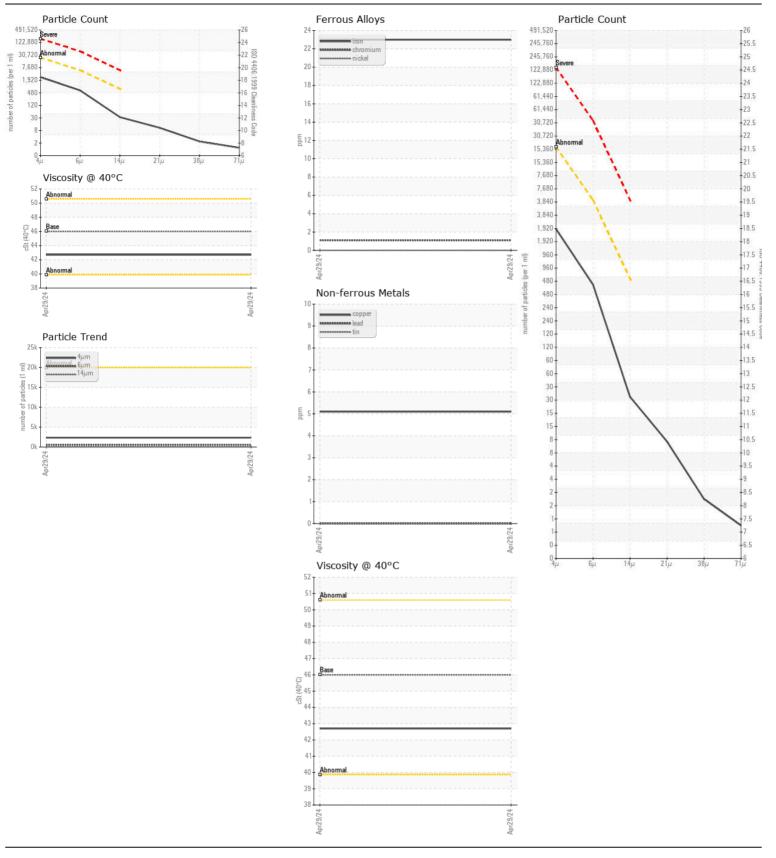
Machine Id LIEBH Component Hydrau

LIEBHERR LH30M 159983-1253

Hydraulic System

AW HYDRAULIC OIL ISO 46 (--- GAL)

Test UOM Method Linkbar Current Histoy1 Histoy1 Resample at the next service interval to monitor. Sample Mumber Citent Info 29 Apr 2024 Machine Age hrs Citent Info 01 Age hrs Citent Info 0 Oil Age hrs Citent Info 0 Filter Age hrs Citent Info 0 Filter Age hrs Citent Info 0 VEAR Citent Info N/A All component wear rates are normal. Iron ppm AST/0588/m 50 1 Nickel ppm AST/0588/m -0 All component wear rates are normal. pm AST/0588/m -0 Nickel ppm AST/0588/m <td< th=""></td<>
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Filter Age Oil Changed Sample Status Client Info N/A WEAR Client Info N/A NORMAL All component wear rates are normal. Iron pm ASIM DB18/m >50 23 Nickel ppm ASIM DB18/m >50 1 Nickel ppm ASIM DB18/m >50 1 Nickel ppm ASIM DB18/m >50 1 Silver ppm ASIM DB18/m >4 0 Lead ppm ASIM DB18/m >4 0 Vanadium ppm ASIM DB18/m >4 0 Vanadium ppm ASIM DB18/m >2 0 Vanadium ppm ASIM DB18/m >20 <
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Silver ppm ASTM D5185(m) >2 <1
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Potassium ppm ASTM D5185(m) >20 <1
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Water WC Method >0.1 NEG Particles >4µm ASTM D7647 >2000 2345 Particles >6µm ASTM D7647 >5000 547 Particles >6µm ASTM D7647 >640 29 Particles >21µm ASTM D7647 >640 29 Particles >38µm ASTM D7647 >10 1 Particles >71µm ASTM D7647 >10 1 Oil Cleanliness Scalar Visual* NONE NONE Silt scalar Visual* NONE NONE Sand/Dirt scalar Visual* NORE NORE Qoor scalar Visual* NORE NORE Qoor scalar Visual* NORE NORE
cleanliness code. The system and fluid cleanliness is acceptable. Particles >4µm ASTM D7647 >20000 2345 Particles >6µm ASTM D7647 >5000 547 Particles >14µm ASTM D7647 >640 29 Particles >21µm ASTM D7647 >160 9 Particles >21µm ASTM D7647 >40 2 Particles >38µm ASTM D7647 >10 1 Particles >71µm ASTM D7647 >10 1 Oil Cleanliness ISO 4406 (c) >21/9/16 18/16/12 Silt scalar Visual* NONE NONE Debris scalar Visual* NONE NONE Appearance scalar Visual* NORML NORML Cdor scalar Visual* NORML NORML Emulsified Water <t< td=""></t<>
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Particles >14µm ASTM D7647 >640 29 Particles >21µm ASTM D7647 >160 9 Particles >38µm ASTM D7647 >40 2 Particles >38µm ASTM D7647 >10 1 Particles >71µm ASTM D7647 >10 1 Oil Cleanliness ISO 4406 (c) >21/19/16 18/16/12 Silt scalar Visual* NONE NONE Debris scalar Visual* NONE NONE Appearance scalar Visual* NORH NORH Odor scalar Visual* NORH NORH Emulsified Water scalar Visual* NORH NORH
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Particles >38µm ASTM D7647 >40 2 Particles >71µm ASTM D7647 >10 1 Oil Cleanliness ISO 4406 (c) >21/19/16 18/16/12 Silt scalar Visual* NONE NONE Debris scalar Visual* NONE NONE Sand/Dirt scalar Visual* NONE NONE Appearance scalar Visual* NORM NORML Odor scalar Visual* NORML NORML Emulsified Water scalar Visual* NORML NORML
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Appearance scalar Visual* NORML NORML
Odor scalar Visual* NORML NORML Emulsified Water scalar Visual* >0.1 NEG
Emulsified Water scalar Visual* >0.1 NEG
FLUID CONDITION Sodium ppm ASTM D5185(m) 3
The condition of the cities in conditions in conditions in conditions in conditions in conditions of the cities in conditions in conditing in conditions in conditions in conditions in
The condition of the oil is acceptable for the time in service. Barium ppm ASTM D5185(m) 5 0
Molybdenum ppm ASTM D5185(m) 5 0
Manganese ppm ASTM D5185(m) <1
Magnesium ppm ASTM D5185(m) 25 5
Calcium ppm ASTM D5185(m) 200 1435
Phosphorus ppm ASTM D5185(m) 300 644
Zinc ppm ASTM D5185(m) 370 731
Sulfur ppm ASTM D5185(m) 2500 2650
Visc @ 40°C cSt ASTM D7279(m) 46 42.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : LH0289848 :07 May 2024 Lab Number : 02633892 Tested :08 May 2024 ISO 17025:2017 Accredited Laboratory : 08 May 2024 - Kevin Marson Unique Number : 5775045 Diagnosed Test Package : MOB 1 (Additional Tests: PrtCount) To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Copal Metal 760A Rue Principale Sainte-Julie, QC CA J3E 0C1 Contact: Jordan .

> T: (514)794-0508 F:

Submitted By: ? Page 2 of 2