

Machine Id CG8259 Component 1 Differential Fluid GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

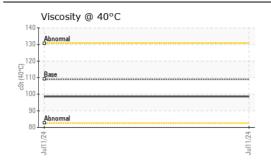
There is no indication of any contamination in the oil.

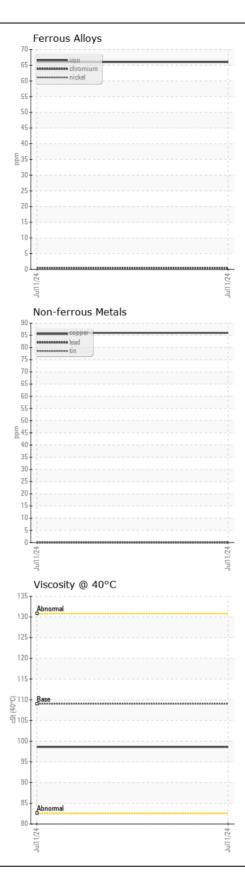
FLUID CONDITION

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

TestUOMMethodLimit/AnCurrentHistory1History2Sample NumberClient InfoWC0873264Sample DateClient Info11 Jul 2024Machine AgehrsClient Info1854Oil AgehrsClient Info1366Filter AgehrsClient Info0Oil ChangedClient InfoChangedFilter ChangedIClient InfoChangedFilter ChangedClient InfoMORMALSample StatusKSTM D5185m>500666IronppmASTM D5185m>10NickelppmASTM D5185m>100SilverppmASTM D5185m>253AluminumppmASTM D5185m>250VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100White Metalscalar*VisualNONEMODERSiliconppmASTM D5185m>7513SiliconppmASTM D5185m>201SiliconppmASTM D5185m>201
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Iron ppm ASTM D5185m >500 66 Chromium ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >0 Silver ppm ASTM D5185m >25 3 Aluminum ppm ASTM D5185m >25 0 Lead ppm ASTM D5185m >10 86 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 White Metal scalar *Visual NONE MODER Silicon ppm ASTM D5185m
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Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 3 Lead ppm ASTM D5185m >25 0 Copper ppm ASTM D5185m >25 0 Tin ppm ASTM D5185m >100 86 Vanadium ppm ASTM D5185m >100 0 White Metal scalar *Visual NONE MODER Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
Aluminum ppm ASTM D5185m >25 3 Lead ppm ASTM D5185m >25 0 Copper ppm ASTM D5185m >100 86 Tin ppm ASTM D5185m >100 0 Vanadium ppm ASTM D5185m >100 0 White Metal scalar *Visual NONE MODER Yellow Metal scalar *Visual NONE 13 Silicon ppm ASTM D5185m >20 1
Lead ppm ASTM D5185m >25 0 Copper ppm ASTM D5185m >100 86 Tin ppm ASTM D5185m >100 0 Vanadium ppm ASTM D5185m >10 0 White Metal scalar *Visual NONE MODER Yellow Metal scalar *Visual NONE I3 Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
Copper ppm ASTM D5185m >100 86 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 White Metal scalar *Visual NONE MODER Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 0 White Metal scalar *Visual NONE MODER Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
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Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
Silicon ppm ASTM D5185m >75 13 Potassium ppm ASTM D5185m >20 1
Potassium ppm ASTM D5185m >20 1
Water WC Method >.2 NEG
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
Emulsified Water scalar *Visual >.2 NEG
Sodium ppm ASTM D5185m <1
Boron ppm ASTM D5185m 400 608
Barium ppm ASTM D5185m 200 0
Molybdenum ppm ASTM D5185m 12 0
Manganese ppm ASTM D5185m 2
Magnesium ppm ASTM D5185m 12 937
Calcium ppm ASTM D5185m 150 13
Phosphorus ppm ASTM D5185m 1650 1546
Zinc ppm ASTM D5185m 125 43
Sulfur ppm ASTM D5185m 22500 21062
Visc @ 40°C cSt ASTM D445 109 98.6

Contact/Location: MICHAEL LAWSON - BUCGRA





BUCKNER HEAVY LIFT Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0873264 Received 4732 NC 54 EAST : 15 Jul 2024 GRAHAM, NC Lab Number : 06237099 Tested : 17 Jul 2024 Unique Number : 11125933 Diagnosed : 17 Jul 2024 - Don Baldridge US 27253-9215 Test Package : CONST Contact: MICHAEL LAWSON Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. michaell@bucknercompanies.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)376-8888 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)376-4090

Contact/Location: MICHAEL LAWSON - BUCGRA Page 2 of 2