

CONTAMINATION NORMAL FLUID CONDITION ATTENTION

WEAR

NORMAL

Machine Id FERRARA QUINT 338 Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

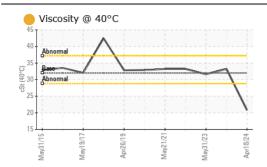
There is no indication of any contamination in the oil.

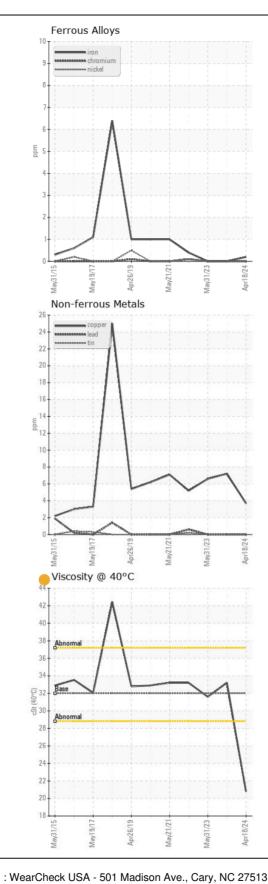
FLUID CONDITION

The oil viscosity is lower than normal. The condition of the oil is acceptable for the time in service.

TestUOMMethodLimit/AbCurrentHistory1History2Sample NumberClient InfoWC0930928WC0818302WC0818302WC0818302Sample DateClient InfoI8 Apr 202401 Jun 202331 May 2023Machine AgehrsClient Info02189421894Oil AgehrsClient Info02189421894Filter AgehrsClient Info000Oil ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/ASample StatusClient InfoNot ChangdNORMALNORMALIronppmASTM D5185m>20<100NickelppmASTM D5185m>10000NickelppmASTM D5185m>10000SilverppmASTM D5185m>10000AuminumppmASTM D5185m>10000CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>20C1<1<1Yellow Metalscal	
Sample Date Client Info 18 Apr 2024 01 Jun 2023 31 May 2023 Machine Age hrs Client Info 0 21894 21894 Oil Age hrs Client Info 0 21894 21894 Oil Age hrs Client Info 0 21894 21894 Filter Age hrs Client Info 0 0 0 0 Oil Changed Client Info Not Changd N/A N/A Filter Changed Client Info Not Changd N/A N/A Sample Status Client Info Not Changd N/A N/A Iron ppm ASTM D5185m >10 Not Changd 0 0 Iron ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 0 0 Silver ppm ASTM D5185m >10 0 0 0 Auminum ppm ASTM D5185m	
Machine AgehrsClient Info02189421894Oil AgehrsClient Info02189421894Filter AgehrsClient Info000Oil ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/ASample StatusClient InfoNot ChangdN/AN/AIronppmASTM D5185m>20<100ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000SilverppmASTM D5185m>10000AluminumppmASTM D5185m>10000CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>20A<1<	
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Oil ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/ASample StatusClient InfoNot ChangdN/AN/AATTENTIONNORMALNORMALNORMALNORMALIronppmASTM D5185m>20<100ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000TitaniumppmASTM D5185m>10000SilverppmASTM D5185m>10000AluminumppmASTM D5185m>10000AgroupASTM D5185m>100000CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000Vellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20<1<1<1PotassiumppmASTM D5185m>20<1<1<<1WaterWC Method>0.1NEGNEGNEGNEG	
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Sample StatusATTENTIONNORMALNORMALIronppmASTM D5185m>20<100ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000TitaniumppmASTM D5185m>10000SilverppmASTM D5185m>10000AluminumppmASTM D5185m>10000AluminumppmASTM D5185m>10000CopperppmASTM D5185m>10000CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>200<1<1PotassiumppmASTM D5185m>200<1<1WaterWC Method>0.1NEGNEGNEG	
Iron ppm ASTM D5185m >20 <1	
Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m >10 0 0 0 Silver ppm ASTM D5185m <10	
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Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >10 0 <1	
Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >10 0 <1 <1 Lead ppm ASTM D5185m >10 0 <1 <1 Lead ppm ASTM D5185m >10 0 0 0 Copper ppm ASTM D5185m >75 4 7 7 Tin ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m >10 0 0 0 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Silicon ppm ASTM D5185m<>20 <1 <1 <1 Potassium ppm ASTM D5185m<>20 0 <1 <1 Water WC Method >0.1 NEG NEG NEG	
Aluminum ppm ASTM D5185m >10 0 <1	
Lead ppm ASTM D5185m >10 0 0 0 Copper ppm ASTM D5185m >75 4 7 7 Tin ppm ASTM D5185m >10 0 0 0 0 Vanadium ppm ASTM D5185m >10 0 0 0 0 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 <1	
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VanadiumppmASTM D5185m000White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m<>20<1<1<1PotassiumppmASTM D5185m<>200<1<1WaterWC Method >0.1NEGNEGNEGNEG	
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20<1<1<1PotassiumppmASTM D5185m>200<1<1WaterWC Method>0.1NEGNEGNEG	
Yellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m<>20<1<1<1PotassiumppmASTM D5185m<>200<1<1WaterWC Method<>0.1NEGNEGNEG	
Silicon ppm ASTM D5185m >20 <1	
Potassium ppm ASTM D5185m >20 0 <1	
Water WC Method >0.1 NEG NEG NEG	
Silt scalar *Visual NONE NONE NONE NONE	
Debris scalar *Visual NONE NONE NONE NONE	
Sand/Dirt scalar *Visual NONE NONE NONE NONE	
Appearance scalar *Visual NORML NORML NORML NORML	
Odor scalar *Visual NORML NORML NORML NORML	
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	
Sodium ppm ASTM D5185m <1 1 1	
Boron ppm ASTM D5185m 5 0 0 0	
Barium ppm ASTM D5185m 5 0 0 0	
Molybdenum ppm ASTM D5185m 5 0 0 <1	
Manganese ppm ASTM D5185m 0 0 0	
Magnesium ppm ASTM D5185m 25 4 16 22	
Calcium ppm ASTM D5185m 200 77 130 139	
Phosphorus ppm ASTM D5185m 300 418 419 397	
Zinc ppm ASTM D5185m 370 423 416 404	
Sulfur ppm ASTM D5185m 2500 1377 998 995	
Visc @ 40°C cSt ASTM D445 32 🥚 20.8 33.2 31.6	

Submitted By: RANDY PRICE





THIRD DISTRICT VOL FIRE DEPT 10415 JEFFERSON HWY **RIVER RIDGE, LA** US 70123 Contact: WAYNE WALKER



Diagnosed : 16 May 2024 - Sean Felton Test Package : FLEET Certificate L2367 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Received

Tested

: 10 May 2024

: 16 May 2024

T: (504)913-1000 F:

Laboratory

Sample No.

Lab Number : 06176394

Unique Number : 11022447

: WC0930928

Submitted By: RANDY PRICE Page 2 of 2