

Machine Id LOUISIANA SKY Component Port Steering Fluid CHEVRON RANDO HD 32 (40 GAL)

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

| WEAR | |
|------|--|
| | |

All component wear rates are normal.

CONTAMINATION

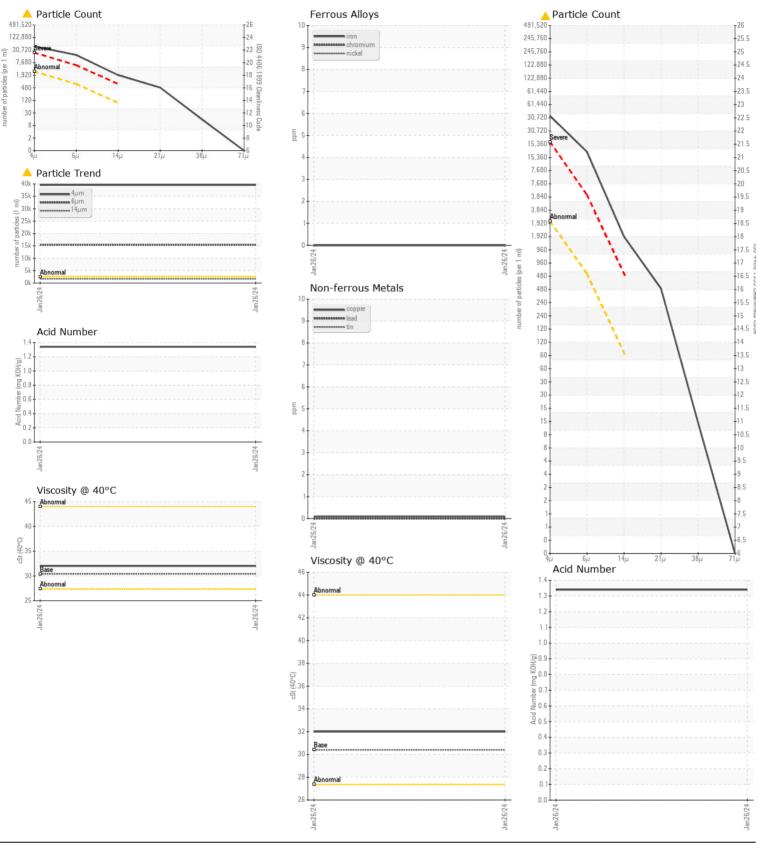
There is a high amount of particulates present in the fluid.

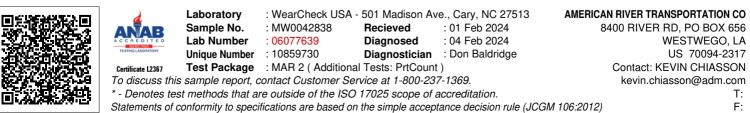
FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

| Sample Number Client Info MW004283 Sample Date Client Info 26 Jan 2024 Machine Age hrs Client Info 0 Filter Age hrs Client Info 0 Dil Changed Client Info N/A Sample Status StMD 5185m >50 0 Nickel ppm ASTM D5185m >50 0 Aluminum pm ASTM D5185m >50 Aluminum pm ASTM D5185m >50 Aluminum pm ASTM D5185m >50 | | | | | ~ | | | |
|---|------------------|--------|-------------|------------|----|----------|----------|----------|
| Sample Date Client Info 26 Jan 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed nrs Client Info N/A Oil Changed Client Info N/A Sample Status Client Info N/A Sample Status Client Info N/A Nickel ppm ASTM 05185m >50 0 Nickel ppm ASTM 05185m >50 0 Aluminum ppm ASTM 05185m >50 Yanadium ppm ASTM 05185m >50 Yanadium ppm ASTM 05185m >50 Yanadium ppm ASTM 05185m | Test | UOM | Method | Limit/Abn | С | urrent | History1 | History2 |
| Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status Client Info N/A Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Yanadium ppm ASTM D5185m >10 0 Yellow Metal scalar *Visual NONE Yellow Met | Sample Number | | Client Info | | M | W0042838 | | |
| Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status ABNORMAL Tron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >50 0 Aluminum ppm ASTM D5185m >50 Aluminum ppm ASTM D5185m >50 0 Aluminum ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >20 0 Vellow Metal scalar *Visual NONE NO | Sample Date | | Client Info | | 26 | Jan 2024 | | |
| Filter Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status Client Info N/A Sample Status ASTM D5185m >50 0 Iron ppm ASTM D5185m >15 0 Nickel ppm ASTM D5185m 50 0 Silver ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >50 <-1 Lead ppm ASTM D5185m >50 <-1 Vanadium ppm ASTM D5185m >50 <-1 Vanadium ppm ASTM D5185m >50 <-1 Vanadium ppm ASTM D5185m >50 <-1 Vallow Hetal scalar *Visual NONE <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th> <th></th> | Machine Age | hrs | Client Info | | 0 | | | |
| Oil ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusClient InfoN/AIronppmASTM D5185m>500NickelppmASTM D5185m>50NickelppmASTM D5185m>50SilverppmASTM D5185m>50AluminumppmASTM D5185m>50AluminumppmASTM D5185m>100CopperppmASTM D5185m>5<1YanadiumppmASTM D5185m>5<1Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>15<1Yellow Metalscalar*VisualNONENONEParticles >6µmASTM D7647>2000Particles >6µmASTM D7647>640A15438Particles >6µmASTM D7647>20A322Particles >6µmASTM D7647>4A13Particles >6µmASTM D7647>4A13Particles >7µmASTM D7647>0 </th <th>Oil Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th> <th></th> | Oil Age | hrs | Client Info | | 0 | | | |
| Filter Changed Client Info N/A Sample Status ABNORMAL Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >15 <1 Velandum ppm ASTM D5185m >20 0 | Filter Age | hrs | Client Info | | 0 | | | |
| Sample Status ABNORMAL Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >15 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >5 0 Copper ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vallow Metal scalar *Visual NONE NONE Vallow Metal scalar *Visual NONE NONE Vallow Metal scalar *Visual NONE NONE Silicon ppm ASTM D7647 >80 1684 </th <th>Oil Changed</th> <th></th> <th></th> <th></th> <th>N,</th> <th>Ά</th> <th></th> <th></th> | Oil Changed | | | | N, | Ά | | |
| Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >15 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >5 <1 Copper ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >15 <1 Vallow Metal scalar *Visual NONE NONE Particles >4µm ASTM D5185m >15 <1 Particles >4µm ASTM D7647 >20 | Filter Changed | | Client Info | | N, | Ά | | |
| Chromium ppm ASTM D5185m >15 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m S 0 Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >5 0 Copper ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vallow Metal scalar */ Visual NONE Particles >4µm ASTM D7647 >20 | Sample Status | | | | AE | BNORMAL | | |
| Chromium ppm ASTM D5185m >15 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m S 0 Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >5 0 Copper ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vallow Metal scalar */ Visual NONE Particles >4µm ASTM D7647 >20 | | | | | | • | | |
| Nickel ppm ASTM D5185m >5 0 Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 5 0 Aluminum ppm ASTM D5185m >50 <1 Lead ppm ASTM D5185m >50 <1 Copper ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vellow Metal scalar *Visual NONE Paticles >4µm ASTM D7647 >640 A 39582 Patricles >4µm ASTM D7647 >20 A 432 - | - | | | | _ | - | | |
| Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >0 Vanadium ppm ASTM D5185m >20 0 Vanadium ppm ASTM D7647 >2500 A 39582 Patricles >4µm ASTM D7647 >20 A 432 Patricles >38µm ASTM D7647 >4 | | | | - | | - | | |
| Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >15 <1 Yellow Metal scalar *Visual NONE NONE Potassium ppm ASTM D7647 >2500 ▲ 39582 Particles >4µm ASTM D7647 >20 ▲ 1684 Particles >1µm ASTM D7647 >20 | | | | >5 | _ | - | | |
| Aluminum ppm ASTM D5185m >5 0 Lead ppm ASTM D5185m >50 <1 Copper ppm ASTM D5185m >50 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vanadium ppm ASTM D5185m >5 <1 Vellow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE Paticles >4µm ASTM D7647 >20 ▲ 39582 Particles >21µm ASTM D7647 >80 1684 Particles >38µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0< | | | | | | - | | |
| Lead pm ASTM D5185m >10 0 Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >5 <1 Wanadium ppm ASTM D5185m >5 <1 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >15 <1 Potassium ppm ASTM D7647 >200 0 Particles >4µm ASTM D7647 >200 ▲ 15438 Particles >4µm ASTM D7647 >4 ▲ 15438 Particles >1µm ASTM D7647 >4 ▲ 133 Particles >1µm ASTM D7647 >3 <td< th=""><th></th><th></th><th></th><th>-</th><th></th><th>-</th><th></th><th></th></td<> | | | | - | | - | | |
| Copper ppm ASTM D5185m >50 <1 | | | | | | - | | |
| Tin ppm ASTM D5185m >5 <1 | | | | | | • | | |
| Vanadium ppm ASTM D5185m 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >15 <1 Potassium ppm ASTM D5185m >20 0 Paticles >4µm ASTM D7647 >20 AST8 39582 Particles >6µm ASTM D7647 >640 A 15438 Particles >14µm ASTM D7647 >20 A 432 Particles >71µm ASTM D7647 >3 0 Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Sold/Dirit scalar *Visual NORML | | | | | | | | |
| White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m<>15 <1 Potassium ppm ASTM D5185m<>20 0 Water WC Method >0.2 NEG Particles >4µm ASTM D7647 >2500 A 39582 Particles >5µm ASTM D7647 >640 A 15438 Particles >1µm ASTM D7647 >80 A 1684 Particles >38µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0 Oll Cleanliness ISO 4406 (c) >18/16/13 42/2/1/18 Silt scalar *Visual NONE NONE Appearances | | | | >5 | | | | |
| Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >15 <1 Potassium ppm ASTM D5185m >20 0 Water WC Method >0.2 NEG Particles >4µm ASTM D7647 >2500 ▲ 39582 Particles >6µm ASTM D7647 >640 ▲ 15438 Particles >14µm ASTM D7647 >20 ▲ 432 Particles >71µm ASTM D7647 >3 0 Oll Cleanliness ISO 4406 (c) >18/61/3 ▲ 22/21/18 Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORM NOR | | | | NONE | | - | | |
| Silicon ppm ASTM D5185m >15 <1 | | | | | | - | | |
| Potassium ppm ASTM D5185m >20 0 Water WC Method >0.2 NEG Particles >4µm ASTM D7647 >2500 A 39582 Particles >6µm ASTM D7647 >640 A 15438 Particles >14µm ASTM D7647 >80 A 1684 Particles >21µm ASTM D7647 >20 A 432 Particles >21µm ASTM D7647 >20 A 432 Particles >71µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0 Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m <td< th=""><th>Yellow Metal</th><th>scalar</th><th>^ Visual</th><th>NONE</th><th></th><th>NONE</th><th></th><th></th></td<> | Yellow Metal | scalar | ^ Visual | NONE | | NONE | | |
| Potassium ppm ASTM D5185m >20 0 Water WC Method >0.2 NEG Particles >4µm ASTM D7647 >2500 A 39582 Particles >6µm ASTM D7647 >640 A 15438 Particles >14µm ASTM D7647 >80 A 1684 Particles >21µm ASTM D7647 >20 A 432 Particles >21µm ASTM D7647 >20 A 432 Particles >71µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0 Silt scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m <td< th=""><th>Silicon</th><th>nnm</th><th>ASTM D5185m</th><th><u>\15</u></th><th></th><th>-1</th><th></th><th></th></td<> | Silicon | nnm | ASTM D5185m | <u>\15</u> | | -1 | | |
| Water WC Method >0.2 NEG Particles >4µm ASTM D7647 >2500 $\stackrel{?}{3}$ 39582 Particles >6µm ASTM D7647 >640 $\stackrel{?}{4}$ 15438 Particles >14µm ASTM D7647 >80 $\stackrel{?}{4}$ 1684 Particles >21µm ASTM D7647 >20 $\stackrel{?}{4}$ 432 Particles >38µm ASTM D7647 >20 $\stackrel{?}{4}$ 432 Particles >71µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0 Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORML NORML Sodium ppm ASTM D5185m 0 - | | | | | | | | |
| Particles >4µm ASTM D7647 >2500 A 39582 Particles >6µm ASTM D7647 >640 A 15438 Particles >14µm ASTM D7647 >80 A 1684 Particles >21µm ASTM D7647 >20 A 432 Particles >38µm ASTM D7647 >3 0 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >18/16/13 22/21/18 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NORE Sand/Dirt scalar *Visual NORE Odor scalar *Visual NORE Sodium ppm ASTM D5185m 0 Boron ppm ASTM D5185m 1 | | ppm | | | | - | | |
| Particles >6 μ m ASTM D7647 >640 15438 Particles >14 μ m ASTM D7647 >80 1684 Particles >21 μ m ASTM D7647 >20 432 Particles >38 μ m ASTM D7647 >4 13 Particles >71 μ m ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >18/16/13 22/21/18 Silt scalar *Visual NONE Sodd/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Sodium scalar *Visual NOR NORML Boron ppm ASTM D5185m 1 Magnaese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 3 | | | | | | | | |
| Particles >14µm ASTM D7647 >80 ▲ 1684 Particles >21µm ASTM D7647 >20 ▲ 432 Particles >38µm ASTM D7647 >4 ▲ 13 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) 18/16/13 ▲ 22/21/18 Silt scalar *Visual NONE Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Codor scalar *Visual NORML NORML Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m <1 Magnaese ppm ASTM D5185m 2 | | | | | | | | |
| Particles >21µm ASTM D7647 >20 ▲ 432 Particles >38µm ASTM D7647 >4 ▲ 13 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >18/16/13 ▲ 22/21/18 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 Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Magnaese ppm ASTM D5185m Magnesium ppm ASTM D5185m <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<> | | | | | | | | |
| Particles >38µm ASTM D7647 >4 ▲ 13 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >18/16/13 ▲ 22/21/18 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 Odor scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Sodium ppm ASTM D5185m 1 Barium ppm ASTM D5185m | | | | | | | | |
| Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >18/16/13 ▲ 22/21/18 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 Sodium ppm ASTM D5185m <1 Boron ppm ASTM D518 | | | | | | - | | |
| Oil Cleanliness ISO 4406 (c) >18/16/13 ▲ 22/21/18 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 Sodium ppm ASTM D5185m <1 Sodium ppm ASTM D5185m <1 Manganese ppm ASTM D5185m | | | | | | - | | |
| Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185mBoronppmASTM D5185mMolybdenumppmASTM D5185mMagnesiumppmASTM D5185m2MagnesiumppmASTM D5185m38PhosphorusppmASTM D5185m397SulfurppmASTM D5185m683Acid Number (AN)mg KOHyASTM D80451.34 | | | | | | - | | |
| Debrisscalar*VisualNONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLCodorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m<1MolybdenumppmASTM D5185m<1MagnesiumppmASTM D5185m2PhosphorusppmASTM D5185m38ZincppmASTM D5185m397SulfurppmASTM D5185m683Acid Number (AN)mg KOH/gASTM D80451.34 | Silt | scalar | | | | NONE | | |
| Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLCodorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m<1BariumppmASTM D5185m<1MolybdenumppmASTM D5185m<0MagnesiumppmASTM D5185m<21PhosphorusppmASTM D5185m38ZincppmASTM D5185m3977SulfurppmASTM D5185m6683Acid Number (AN)mg KOH/gASTM D80451.34 | Debris | scalar | *Visual | NONE | | NONE | | |
| Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m <1 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m <1 Maganesee ppm ASTM D5185m <21 Magnesium ppm ASTM D5185m <2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D5185m 1.34 | Sand/Dirt | scalar | *Visual | NONE | | NONE | | |
| Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m <1 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m <1 Maganesee ppm ASTM D5185m <21 Magnesium ppm ASTM D5185m <2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D5185m 1.34 | Appearance | | | | | - | | |
| Emulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m0BariumppmASTM D5185m<1MolybdenumppmASTM D5185m<1ManganeseppmASTM D5185m<21MagnesiumppmASTM D5185m<2PhosphorusppmASTM D5185m<38ZincppmASTM D5185m<397SulfurppmASTM D5185m<683Acid Number (AN)mg KOH/gASTM D80451.34 | Odor | | | | | NORML | | |
| Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 | Emulsified Water | scalar | *Visual | >0.2 | | NEG | | |
| Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 | | | | | | | | |
| Barium ppm ASTM D5185m <1 | Sodium | ppm | | | | <1 | | |
| Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Boron | ppm | ASTM D5185m | | | 0 | | |
| Maganese ppm ASTM D5185m <1 | Barium | ppm | | | | <1 | | |
| Magnesium ppm ASTM D5185m 2 Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Molybdenum | ppm | ASTM D5185m | | | | | |
| Calcium ppm ASTM D5185m 38 Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Manganese | ppm | | | | | | |
| Phosphorus ppm ASTM D5185m 299 Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Magnesium | ppm | | | | | | |
| Zinc ppm ASTM D5185m 397 Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Calcium | ppm | | | | 38 | | |
| Sulfur ppm ASTM D5185m 683 Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Phosphorus | ppm | ASTM D5185m | | | | | |
| Acid Number (AN) mg KOH/g ASTM D8045 1.34 | Zinc | ppm | | | | | | |
| | Sulfur | | ASTM D5185m | | | | | |
| Visc @ 40°C cSt ASTM D445 30.4 32.0 | Acid Number (AN) | 0 0 | | | | | | |
| | Visc @ 40°C | cSt | ASTM D445 | 30.4 | | 32.0 | | |

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION NORMAL





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Contact/Location: KEVIN CHIASSON - AMEWAG