

Machine Id SUTPEHN PLATFORM 31 Component Hydraulic System Fluid DEXRON III (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

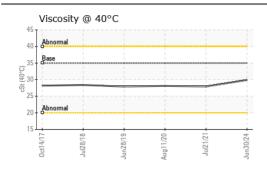
FLUID CONDITION

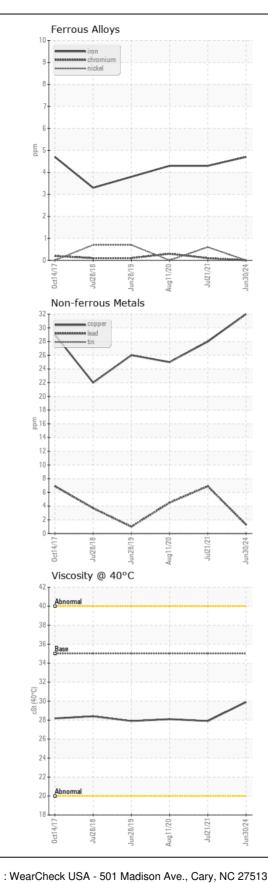
The condition of the oil is acceptable for the time in service.

| TestUOMMethodLimit/AbCurrentHistory1History1Sample NumberClient InfoWC0938774WC0591200WC04900Sample DateClient Info30 Jun 202421 Jul 202111 Aug 20Machine AgemlsClient InfoI837800Oil AgemlsClient Info000Filter AgemlsClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/AN/AFilter ChangedClient InfoN/AN/AN/AN/ASample StatusClient InfoN/AN/AN/AN/AIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<110NickelppmASTM D5185m>100<110SilverppmASTM D5185m>1011<1LeadppmASTM D5185m>10174CopperppmASTM D5185m>10174CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>20G67Vellow Metalscalar"V |
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| Sample DateClient Info30 Jun 202421 Jul 202111 Aug 2Machine AgemlsClient Info18378000Oil AgemlsClient Info18378000Filter AgemlsClient Info0000Oil ChangedClient InfoN/AN/AN/AN/AFilter ChangedClient InfoN/AN/AN/AN/ASample StatusClient InfoN/AN/AN/AN/AIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<10NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m>100<10AluminumppmASTM D5185m>101<1<1LeadppmASTM D5185m>101<1<1CopperppmASTM D5185m>100000VanadiumppmASTM D5185m>100000Valedscalar*VisualNONENONENONENONENONESiliconppmASTM D5185m>206670ValasiumppmASTM D5185m>206670ValasiumppmASTM D5185m>206670ValasiumppmASTM D5185m>20 <t< th=""></t<> |
| Machine Age mls Client Info 18378 0 0 Oil Age mls Client Info 18378 0 0 0 Filter Age mls Client Info 0 0 0 0 Oil Changed Client Info N/A N/A N/A N/A N/A Filter Changed Client Info N/A N/A N/A N/A N/A Sample Status Client Info N/A N/A N/A NORMAL NORMAL Iron ppm ASTM D5185m<>20 5 4 4 Chromium ppm ASTM D5185m<>10 0 <1 0 Nickel ppm ASTM D5185m<>10 0 <1 0 0 Silver ppm ASTM D5185m<>10 1 1 <1 1 Lead ppm ASTM D5185m<>10 0 0 0 0 Vanadium ppm ASTM D5185m<>10 0 0 0 |
| Oil Age mls Client Info 18378 0 0 Filter Age mls Client Info 0 0 0 0 Oil Changed Client Info N/A N/A N/A N/A N/A Filter Changed Client Info N/A N/A N/A N/A N/A Sample Status Client Info N/A N/A N/A N/A N/A Iron ppm ASTM D5185m<>20 5 4 4 4 Chromium ppm ASTM D5185m<>10 0 <1 <1 1 Nickel ppm ASTM D5185m<>10 0 <1 0 1 |
| Filter AgemlsClient Info000Oil ChangedClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<1<1NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m000<1SilverppmASTM D5185m000<1LeadppmASTM D5185m>10<11<1LeadppmASTM D5185m>10<11<1LeadppmASTM D5185m>10174CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNONENONENONESilitscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONE |
| Oil ChangedClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<1<1NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m>100<10SilverppmASTM D5185m>10<11<1LeadppmASTM D5185m>10<11<1LeadppmASTM D5185m>10<1000VanadiumppmASTM D5185m>100000VanadiumppmASTM D5185m>100000VanadiumppmASTM D5185m>100000Vellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>206670Vellow Metalscalar*VisualNONENONENONENONENONESiliconppmASTM D5185m>20<1<1100WaterWC Method>0.1NEGNONENONENONENONEDebrisscalar*VisualNONENONENONENONENONE |
| Filter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/ANORMALNORMALNORMALIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<1<1NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m>100<10SilverppmASTM D5185m>10<11<1LeadppmASTM D5185m>10<11<1LeadppmASTM D5185m>10<11<1LeadppmASTM D5185m>10174CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONE |
| Sample StatusNORMALNORMALNORMALNORMALIronppmASTM D5185m>20544ChromiumppmASTM D5185m>100<1<1NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m>100<10SilverppmASTM D5185m>1000<1LeadppmASTM D5185m>1011<1LeadppmASTM D5185m>10174CopperppmASTM D5185m>10174CopperppmASTM D5185m>10000VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNEGNONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONE |
| Iron ppm ASTM D5185m >20 5 4 4 Chromium ppm ASTM D5185m >10 0 <1 <1 Nickel ppm ASTM D5185m >10 0 <1 |
| Chromium ppm ASTM D5185m >10 0 <1 |
| Chromium ppm ASTM D5185m >10 0 <1 |
| Nickel ppm ASTM D5185m >10 0 <1 |
| Titanium ppm ASTM D5185m 0 0 <1 |
| Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >10 <1 |
| Aluminum ppm ASTM D5185m >10 <1 |
| Lead ppm ASTM D5185m >10 1 7 4 Copper ppm ASTM D5185m >75 32 28 25 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 NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 6 6 7 Potassium ppm ASTM D5185m >20 <1 |
| Copper ppm ASTM D5185m >75 32 28 25 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 6 6 7 Potassium ppm ASTM D5185m >20 <1 <10 0 Water WC Method >0.1 NEG NEG NEG NEG Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE |
| TinppmASTM D5185m>10000VanadiumppmASTM D5185m0000White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONEMONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1 |
| VanadiumppmASTM D5185m000White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONE |
| White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONE |
| Yellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1<110WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONE |
| SiliconppmASTM D5185m>20667PotassiumppmASTM D5185m>20<1 |
| PotassiumppmASTM D5185m>20<1 |
| WaterWC Method>0.1NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONE |
| Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONE |
| Debris scalar *Visual NONE NONE NONE NON |
| |
| Sand/Dirt scalar *Visual NONE NONE NONE NON |
| |
| Appearance scalar *Visual NORML NORML NORML NOR |
| Odor scalar *Visual NORML NORML NORML NOR |
| Emulsified Water scalar *Visual >0.1 NEG NEG NEG |
| Sodium ppm ASTM D5185m 6 4 4 |
| Boron ppm ASTM D5185m 59 74 65 |
| Barium ppm ASTM D5185m 0 <1 |
| Molybdenum ppm ASTM D5185m 0 0 |
| Manganese ppm ASTM D5185m <1 <1 <1 |
| Magnesium ppm ASTM D5185m 9 11 12 |
| Calcium ppm ASTM D5185m 265 267 277 |
| Phosphorus ppm ASTM D5185m 273 286 274 |
| Zinc ppm ASTM D5185m 138 140 136 |
| Sulfur ppm ASTM D5185m 1688 1518 1320 |
| Visc @ 40°C cSt ASTM D445 35.0 29.9 27.9 28.1 |

Submitted By: RANDY PRICE

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL





GANTT FIRE DEPT 1331 WHITE HORSE RD GREENVILLE, SC US 29605 Contact: CHIEF ROBERTS

Certificate 12367 Test Package : FLEET To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WC0938774

* - 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

Diagnosed

Tested

: 11 Jul 2024

: 12 Jul 2024

: 12 Jul 2024 - Wes Davis

T: (864)277-0429 F:

Laboratory

Sample No.

Lab Number : 06233712

Unique Number : 11117205

Submitted By: RANDY PRICE Page 2 of 2