

## 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.

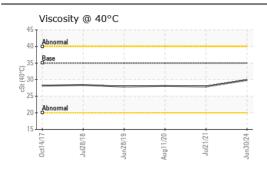
## FLUID CONDITION

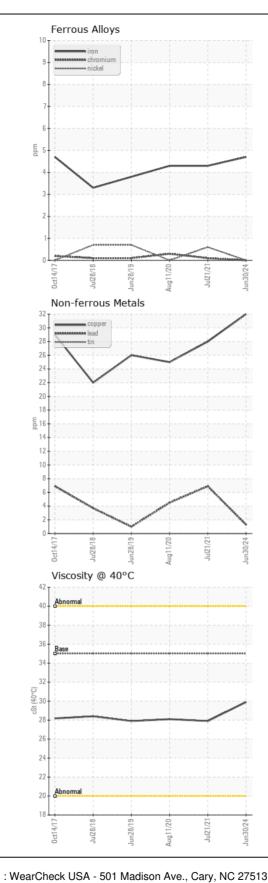
The condition of the oil is acceptable for the time in service.

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
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 <b>138</b> 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