

OIL ANALYSIS REPORT

Sample Rating Trend



R879-P-03 Component Pump Drive NOT GIVEN (--- GAL)

DIAGNOSIS

Area RIG 879

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please note that this is a corrected copy.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

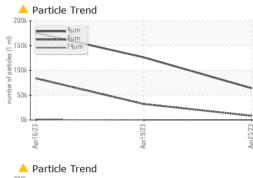
Sample NumberClient InfoKL0012419KL0009706KL0011838Sample DateQClient Info23 Apr 202319 Apr 202316 Apr 2023Machine AgedaysClient Info000Oil AgedaysClient Info000Oil ChangedClient InfoN/ANot ChangdN/ASample StatusImit DistoreN/ANot ChangdN/AWEAR METALSmethodImit/basecurrenthistory1history2IronppmASTM D5185m>50071826ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000NickelppmASTM D5185m>20034LeadppmASTM D5185m>20000CopperppmASTM D5185m>35<1<11InppmASTM D5185m>4000CadmiumppmASTM D5185m>4000CadmiumppmASTM D5185m>4000ADDTIVESmethodImit/basecurrenthistory1history2BoronppmASTM D5185m<0000MadyadenumppmASTM D5185m71211MarganeseppmASTM D5185m377CalciumppmASTM D5185m3036
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Silicon ppm ASTM D5185m >75 8 16 20
Sodium ppm ASTM D5185m 53 96 104
Potassium ppm ASTM D5185m >20 1 0 <1
FLUID CLEANLINESS method limit/base current history1 history2
Particles >4μm ASTM D7647 63827 126127 175547
Particles >6μm ASTM D7647 >5000 ▲ 8354 ▲ 32172 ▲ 83918
Particles >14μm ASTM D7647 >640 84 59 ▲ 766
Particles >21μm ASTM D7647 >160 13 4 46
Particles >38μm ASTM D7647 >40 0 1 1
Particles >71μm ASTM D7647 >10 0 0
Oil Cleanliness ISO 4406 (c) >19/16 ▲ 20/14 ▲ 22/13 ▲ 24/17
FLUID DEGRADATION method limit/base current history1 history2
Acid Number (AN) mg KOH/g ASTM D8045 0.165 0.135 0.093

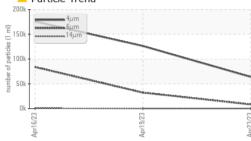


Acid Number

0.20

OIL ANALYSIS REPORT







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