

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION ABNORMAL



CATERPILLAR 930K 2211602

Hydraulic System

PETRO CANADA DURON SAE 15W40 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

FLUID CONDITION

Viscosity of sample indicates oil is within SAE 5W20 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Test UOM Method Limit/Abn Current History1 History1 Sample Number Client Info Int PC0088749 Sample Date Client Info 10 Apr 2024 Machine Age hrs Client Info 100 Oil Age hrs Client Info 1000 Filter Age hrs Client Info 1000 Oil Changed Client Info Not Changd Filter Changed Client Info Not Changd Sample Status Client Info Not Changd	
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Yellow Metal scalar Visual* NONE NONE	
Silicon nom ASTM DE195(m) > 20	
Silicon ppm ASTM D5185(m) >20 3	
Potassium ppm ASTM D5185(m) >20 2	
Water WC Method >0.1 NEG	
Silt scalar Visual* NONE NONE	
Debris scalar Visual* NONE VLITE	
Sand/Dirt scalar Visual* NONE NONE	
Appearance scalar Visual* NORML NORML	
Odor scalar Visual* NORML NORML	
Emulsified Water scalar Visual* >0.1 NEG	
Sodium ppm ASTM D5185(m) 3	
Boron ppm ASTM D5185(m) 1 1	
Barium ppm ASTM D5185(m) 1 0	
Molybdenum ppm ASTM D5185(m) 60 2	
Manganese ppm ASIMU5185(m) 1 0	
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Viscosity Index (VI) Scale ASTM D2270* 139 130 --- ---Contact/Location: Doug Francis - LAVCLI



