



WEAR

NORMAL

CONTAMINATION

ABNORMAL

FLUID CONDITION

NORMAL

Area

Fwd Machinery Space [450240133]

Machine Id

Pump Fire Water (Port) - Gearbox (S/N Sample Tag PA-71001A-S2)

Component

Gearbox

Fluid

PETRO CANADA PREMIUM R&O 220 (98 LTR)

RECOMMENDATION

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Sample Number, Sample Date, Machine Age, Oil Age, Filter Age, Oil Changed, Filter Changed, and Sample Status.

WEAR

All component wear rates are normal.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include PQ, Iron, Chromium, Nickel, Titanium, Silver, Aluminum, Lead, Copper, Tin, Vanadium, White Metal, and Yellow Metal.

CONTAMINATION

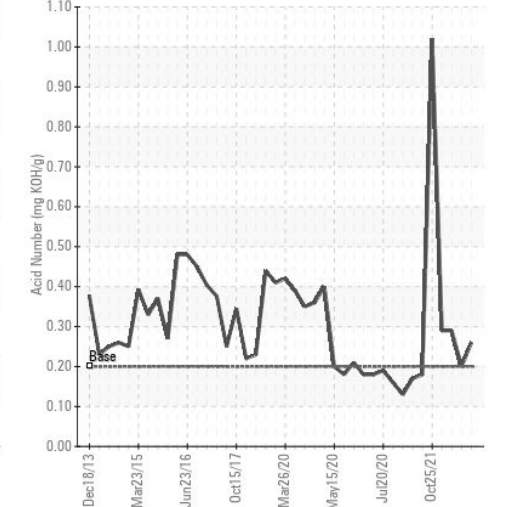
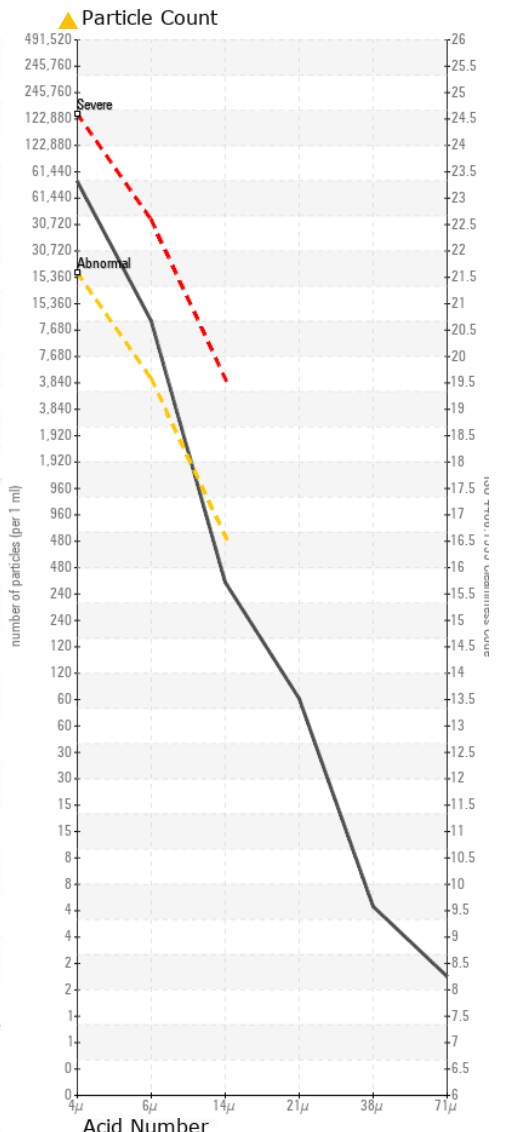
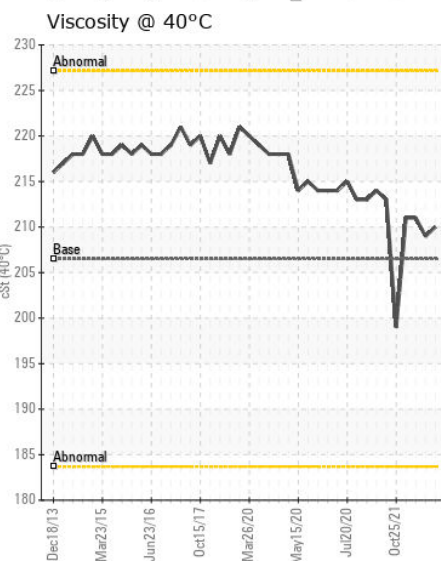
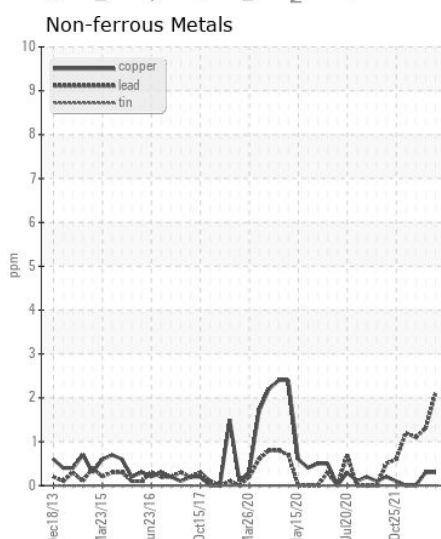
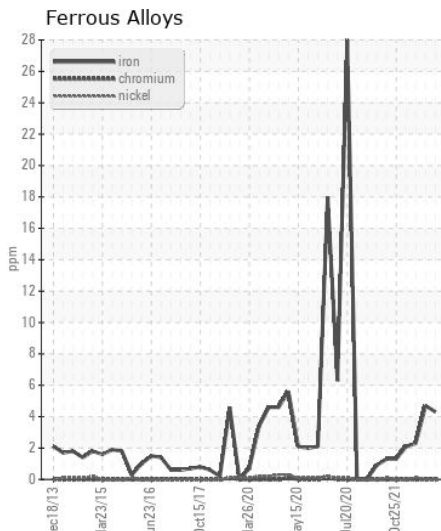
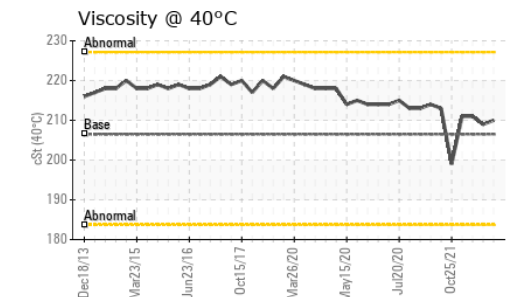
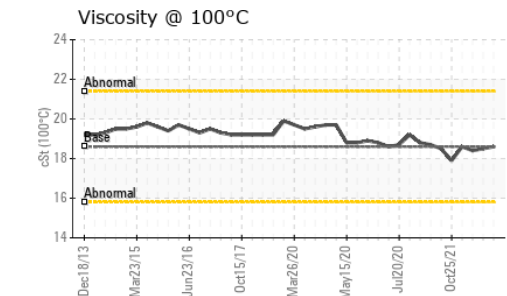
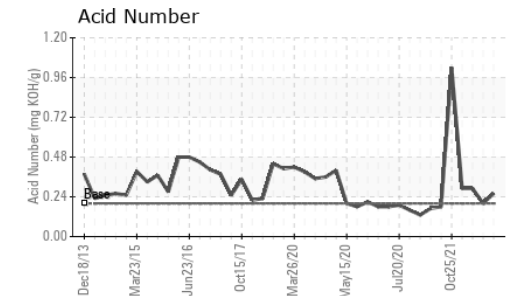
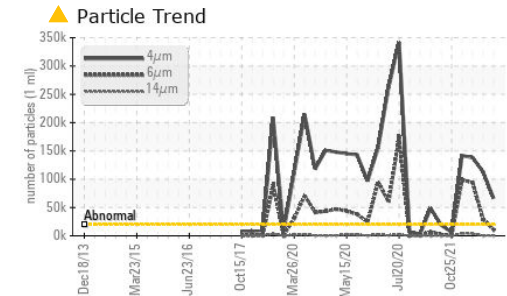
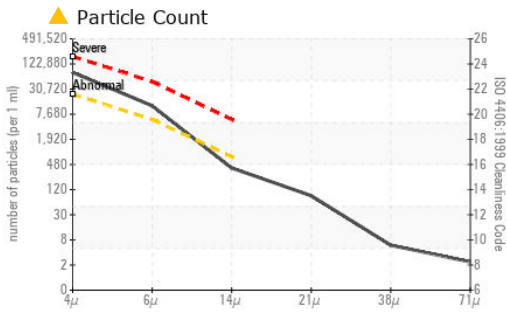
There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Silicon, Potassium, Water, Particles >4µm, Particles >6µm, Particles >14µm, Particles >21µm, Particles >38µm, Particles >71µm, Oil Cleanliness, Silt, Debris, Sand/Dirt, Appearance, Odor, and Emulsified Water.

FLUID CONDITION

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Sodium, Boron, Barium, Molybdenum, Manganese, Magnesium, Calcium, Phosphorus, Zinc, Sulfur, Acid Number (AN), Visc @ 40°C, Visc @ 100°C, and Viscosity Index (VI).



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC
Lab Number : 02609537
Unique Number : 5710623
Test Package : MAR 2 (Additional Tests: KV100, PQ, PrtCount, TAN Man, VI)
Received : 17 Jan 2024
Tested : 19 Jan 2024
Diagnosed : 19 Jan 2024 - Kevin Marson
 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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