

OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend

NORMAL

MELT SHOP - HYDRAULIC MELT SHOP LTS DE SLAG HYDRAULIC UNIT (S/N 15-4000-0770)

Tank Hydraulic System

FIRE-RESISTANT FLUID ISO 46 (200 GAL)

DIAGNOSIS

Recommendation No corrective action is recommended at this time. Resample at the next service interval to monitor.

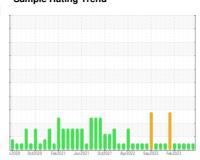
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The pH level of this fluid is within the acceptable limits at 9.0. The condition of the oil is acceptable for the time in service.



Sample Number Client Info RP0035170 RP0034590 RP0	0030450
	Mar 2023
Machine Age hrs Client Info 0 0 0	viai E0E0
Oil Age hrs Client Info 0 0	
Oil Changed Client Info N/A N/A N/A	
	RMAL
100	
WEAR METALS method limit/base current history1	history2
Iron ppm ASTM D5185m >20 0 0)
Chromium ppm ASTM D5185m >20 0 0)
Nickel ppm ASTM D5185m >20 0 0 <	:1
Titanium ppm ASTM D5185m 0 0)
Silver ppm ASTM D5185m 0 0)
Aluminum ppm ASTM D5185m >20 0 6 0)
Lead ppm ASTM D5185m >20 0 0)
Copper ppm ASTM D5185m >20 <1	
Tin ppm ASTM D5185m >20 0 0)
VanadiumppmASTM D5185m00)
CadmiumppmASTM D5185m00	
ADDITIVES method limit/base current history1	history2
Boron ppm ASTM D5185m 5 0 0)
Barium ppm ASTM D5185m 5 0 0)
Molybdenum ppm ASTM D5185m 5 0 0	
Manganese ppm ASTM D5185m 0 0)
Magnesium ppm ASTM D5185m 5 0 3	:1
Calcium ppm ASTM D5185m 50 0	:1
Phosphorus ppm ASTM D5185m 175 3 <1 6	66
Zinc ppm ASTM D5185m 62 0 <1	1
CONTAMINANTS method limit/base current history1	history2
Silicon ppm ASTM D5185m >15 0 0 2)
Sodium ppm ASTM D5185m 0 0)
Potassium ppm ASTM D5185m >20 <1 0	:1
Water % ASTM D6304 >55 39.6 42.1	8.8
	8.88888
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1	888000
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1 Particles >4μm ASTM D7647 >5000 600 1040 1	history2
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1 Particles >4μm ASTM D7647 >5000 600 1040 1 Particles >6μm ASTM D7647 >1300 327 566 1	888000 history2 714
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1 Particles >4μm ASTM D7647 >5000 600 1040 1 Particles >6μm ASTM D7647 >1300 327 566 1 Particles >14μm ASTM D7647 >160 56 96 1	888000 history2 714 59
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1 Particles >4μm ASTM D7647 >5000 600 1040 1 Particles >6μm ASTM D7647 >1300 327 566 1 Particles >14μm ASTM D7647 >160 56 96 1	history2 714 59 59
ppm Water ppm ASTM D6304 >55000 396000 421000 3 FLUID CLEANLINESS method limit/base current history1 Particles >4μm ASTM D7647 >5000 600 1040 1 Particles >6μm ASTM D7647 >1300 327 566 1 Particles >14μm ASTM D7647 >160 56 96 1 Particles >21μm ASTM D7647 >40 19 32 5	history2 714 59 59 44



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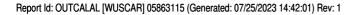


Test Package : IND 2 (Additional Tests: pH, ReserveAlk)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.



Certificate L2367

Mario.johnson@outokumpu.com

Contact: MARIO JOHNSON

F: x:

T: (251)321-4105