

OIL ANALYSIS REPORT

Area MELT SHOP - HYDRAULIC MELT SHOP GRINDER LUBE TANK (S/N 15-4000-0770) Component

Tank Bulk Fluid Tank

Fluid FIRE-RESISTANT FLUID ISO 68 (275 QTS)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil. There is a light concentration of water present in the oil.

Fluid Condition

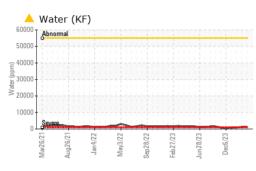
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

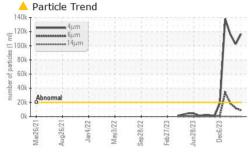
Sample Rating Trend

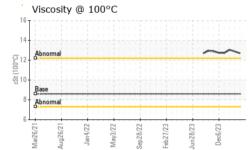
Sample NumberClient InfoRP0042720RP0042647RP0039318Sample DateClient Info28 Mar 202465 Mar 202431 Jan 2024Machine AgehrsClient Info000Oil AgeLient InfoN/AN/AN/ASample StatusIClient InfoN/AN/AN/AWEAR METALSmethodInitionBNORMALABNORMALABNORMALIronppmASTM 05185n161518ChromiumppmASTM 05185n<100NickelppmASTM 05185n<100SilverppmASTM 05185n<100QuinniumppmASTM 05185n<100SilverppmASTM 05185n<100CopperppmASTM 05185n<100CadmiumppmASTM 05185n<100SilverppmASTM 05185n5400ADDITVESmethodInitroscCurrentNistoryNistoryBoronppmASTM 05185n5400ADITVESmethodInitroscCurrentNistory0MaganeseppmASTM 05185n51400ADITVESmethodInitroscCurrentNistory1SilconppmASTM 05185n51400CadmiumppmASTM 05185n<	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>10	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>21/19/16	4 /20/14	▲ 24/21/13	▲ 24/21/13
Acid Number (AN) mg KOH/g ASTM D8045 3.63 0.61 0.62 0.63	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	3.63	0.61	0.62	0.63

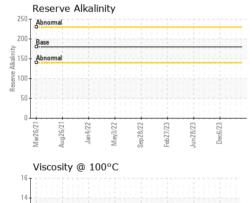


OIL ANALYSIS REPORT



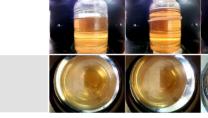




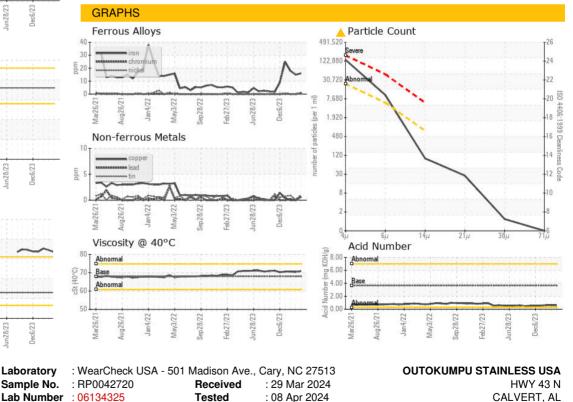








Bottom





Unique Number : 10953790 Diagnosed : 08 Apr 2024 - Jonathan Hester Test Package : IND 2 (Additional Tests: KV100, pH, PrtCount, ReserveAlk, VI) Certificate 12367 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

CALVERT, AL US 36513 Contact: MARIO JOHNSON Mario.johnson@outokumpu.com T: (251)321-4105 F: x:

Report Id: OUTCALAL [WUSCAR] 06134325 (Generated: 04/08/2024 08:42:17) Rev: 2

Laboratory

Sample No.

Submitted By: DALE ROBINSON

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