

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id E-ONE ENGINE 73 Component Hydraulic System Fluid NOT GIVEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

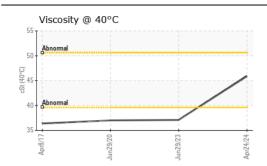
There is no indication of any contamination in the oil.

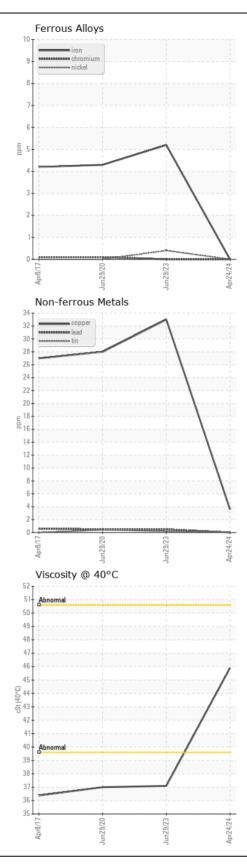
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sample Number Client Info WC0930933 WC0826517 WC04647 Sample Date Client Info 24 Apr 2024 29 Jun 2023 29 Jun 20					
Sample Date Client Info 24 Apr 2024 29 Jun 2023 29 Jun 2023 Machine Age hrs Client Info 964 0 4831 Oil Age hrs Client Info 5498 0 0 Filter Age hrs Client Info 5498 0 0 Oil Changed Client Info N/A Not Changd N/A Filter Changed Client Info N/A Not Changd N/A Sample Status	Test	UOM Method	Limit/Abn Curre	nt History1	History2
Machine Age hrs Client Info 964 0 4831 Oil Age hrs Client Info 5498 0 0 Filter Age hrs Client Info 5498 0 0 Oil Changed Client Info N/A Not Changd N/A Filter Changed Client Info N/A Not Changd N/A Sample Status Client Info N/A Not Changd N/A Iron ppm ASTM D5185m<>20 0 5 4 Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 <1 0 Aluminum ppm ASTM D5185m >10 0 <1 0 Aluminum ppm ASTM D5185m >10 0 <1 <1 Copper ppm ASTM D5185m >10 0 <1 <1 Vanadium ppm ASTM D5185m >20	Sample Number	Client Info	WC093	0933 WC0826517	WC0464763
Oil Age Filter AgehrsClient Info549800Filter AgehrsClient InfoN/ANot ChangedN/AOil ChangedClient InfoN/ANot ChangedN/AFilter ChangedClient InfoN/ANot ChangedN/ASample StatusVisionNORMALNORMALNORMALIronppmASTM D5185m>20054ChromiumppmASTM D5185m>1000<1NickelppmASTM D5185m>100<10TitaniumppmASTM D5185m>100<10AluminumppmASTM D5185m>100<1<1CopperppmASTM D5185m>100<1<1VanadiumppmASTM D5185m>100<1<1VanadiumppmASTM D5185m>100<1<1VanadiumppmASTM D5185m>100<1<1VanadiumppmASTM D5185m>200<1<1VanadiumppmASTM D5185m>200<1<1VanadiumppmASTM D5185m>200<1<1VanadiumppmASTM D5185m>200<1<1VanadiumppmASTM D5185m>200<1<1VanadiumppmASTM D5185m>200<1<1Vellow Metalsca	Sample Date	Client Info	24 Apr	2024 29 Jun 2023	29 Jun 2020
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Chromium ppm ASTM D5185m >10 0 0 <1	Sample Status		NORM	IAL NORMAL	NORMAL
Chromium ppm ASTM D5185m >10 0 0 <1	Iron	ASTM D5185m	> 20 0	5	Л
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PotassiumppmASTM D5185m>200<1	Yellow Metal	scalar Visual	NONE NO	NE NONE	NONE
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Sand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m<10<1	Silt	scalar *Visual	NONE NO	NE NONE	NONE
Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Sodium ppm ASTM D5185m <1 0 <1	Debris	scalar *Visual	NONE NO	NE NONE	VLITE
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Sodium ppm ASTM D5185m <1 0 <1	Sand/Dirt	scalar *Visual	NONE NO	NE NONE	NONE
Emulsified Water scalar *Visual >0.1 NEG NEG Sodium ppm ASTM D5185m <1 0 <1	Appearance	scalar *Visual	NORML NO	RML NORML	NORML
Sodium ppm ASTM D5185m <1	Odor	scalar *Visual	NORML NO	RML NORML	NORML
	Emulsified Water	scalar *Visual	>0.1 NE	G NEG	NEG
	Sodium	ASTM D5185m	-1	0	-1
Barium ppm ASTM D5185m 0 0 0					
Molybdenum ppm ASTM D5185m O 2 1					
Manganese ppm ASTM D5185m O <1					
Magnesium ppm ASTM D5185m 0 0 0	-				
Calcium ppm ASTM D5185m 137 342 336	Ū.				
Phosphorus ppm ASTM D5185m 579 474 456					
Zinc ppm ASTM D5185m 757 661 589					
Sulfur ppm ASTM D5185m 1767 2433 1700					
Visc @ 40°C cSt ASTM D445 45.9 37.1 37.0					

Submitted By: RANDY PRICE





CLARKSVILLE FIRE DEPT 2249 SAM GWIN DR CLARKSVILLE, IN US 47129



Unique Number : 11022472 Diagnosed : 13 May 2024 - Wes Davis Test Package : FLEET Contact: JAMES HENDRICK Certificate L2367 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Tested

: 10 May 2024

: 13 May 2024

T: (812)283-7619 F:

Laboratory

Sample No.

Lab Number : 06176419

: WC0930933

Submitted By: RANDY PRICE Page 2 of 2