

WEAR	
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

E-ONE LADDER 15

Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

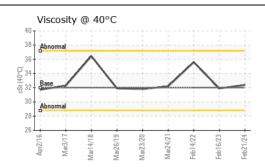
FLUID CONDITION

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

Sample DateClient Info21 Feb 202416 Feb 202314 Feb 2022Machine AgehrsClient Info00260Oil AgehrsClient Info00260Filter AgehrsClient Info000Oil ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/ASample StatusVClient InfoNot ChangdN/AN/AIronppmASTM D5185m>200<1<1ChromiumppmASTM D5185m>10<100NickelppmASTM D5185m>10<100SilverppmASTM D5185m>10<100AluminumppmASTM D5185m>10<100LeadppmASTM D5185m>10<100VanadiumppmASTM D5185m>10<100VanadiumppmASTM D5185m>1000<1VanadiumppmASTM D5185m>1000<1VanadiumppmASTM D5185m>1000<1VanadiumppmASTM D5185m>20233VanadiumppmASTM D5185m>20233VanadiumppmASTM D5185m>202 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Sample DateClient Info21 Feb 202216 Feb 202214 Feb 2022Machine AgehrsClient Info00260Oil AgehrsClient Info00260Filter AgehrsClient Info000Oil ChangedClient InfoNot ChangeN/AN/AFilter ChangedClient InfoNot ChangeN/AN/ASample StatusClient InfoNot ChangeN/AN/ASample StatusStatusSample StatusNORMALNORMALIronppmASTM D5185>200<1<1ChromiumppmASTM D5185>10<100NickelppmASTM D5185>10<100SilverppmASTM D5185>10<100LeadppmASTM D5185>10<100VanadiumppmASTM D5185>1000<1VanadiumppmASTM D5185>10000VanadiumppmASTM D5185>10000VanadiumppmASTM D5185>10000VanadiumppmASTM D5185>20<100VanadiumppmASTM D5185>20<100VanadiumppmASTM D5185>20<100VanadiumppmASTM D5185>20<100 </th <th>Test</th> <th>UOM</th> <th>Method</th> <th>Limit/Abn</th> <th>Current</th> <th>History1</th> <th>History2</th>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine AgeIrisClient Info00260Oil AgehrisClient Info00260Filter AgehrisClient InfoNot ChangdN/AN/AOil ChangedClient InfoNot ChangdN/AN/AFilter ChangedQClient InfoNot ChangdN/AN/ASample StatusClient InfoNot ChangdN/AN/AIronppmASTM D5185m>200<1<1ChromiumppmASTM D5185m>10<100NickelppmASTM D5185m>10<100SilverppmASTM D5185m>10<100AluminumppmASTM D5185m>10<100LeadppmASTM D5185m>10<100<1VanadiumppmASTM D5185m>1000<10VanadiumppmASTM D5185m>20QNONENONENONEYellow Metalscalar'VisualNONENONENONENONENONESiliconppmASTM D5185m>20233PotassiumppmASTM D5185m>20<100WatervisualNONENONENONENONENONESiliconppmASTM D5185m>20<10NONESiliconppmASTM D5185m>20<1NONE <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>WC0890550</th><th>WC0777603</th><th>WC0658113</th></t<>	Sample Number		Client Info		WC0890550	WC0777603	WC0658113
Oil Age Filter AgehrsClient Info00260Filter AgehrsClient InfoNot ChangdN/AN/AFilter ChangedClient InfoNot ChangdN/AN/ASample StatusClient InfoNot ChangdN/AN/AIronppmASTM D5185m>200<1<1ChromiumppmASTM D5185m>10<100NickelppmASTM D5185m>10<100NickelppmASTM D5185m510<100SilverppmASTM D5185m>10<100LeadppmASTM D5185m>10<100CopperppmASTM D5185m>100<10VanduiumppmASTM D5185m>1000<1VanduiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20233PotassiumppmASTM D5185m>20400Siltscalar"Visua	Sample Date		Client Info		21 Feb 2024	16 Feb 2023	14 Feb 2022
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Filter ChangedClient InfoNat ChangedN/AN/ASample StatusClient InfoNot ChangedNORMALNORMALIronppmASTM D5185m>200<1<1ChromiumppmASTM D5185m>10<100NickelppmASTM D5185m>10<100NickelppmASTM D5185m>10<100SilverppmASTM D5185m510<100AluminumppmASTM D5185m>10<100LeadppmASTM D5185m>10<100CopperppmASTM D5185m>1000<1VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20<100Vellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20<100WaterVisualNONENONENONENONENONESilitscalar*VisualNORENONENONENONESodurppmASTM D5185m>20<1NORENONESilitscalar*VisualNORENONENONENONESodurppmASTM D5185m5000A	Filter Age	hrs	Client Info		0	0	0
Sample StatusNORMALNORMALNORMALNORMALIronppmASTM 05185m>200<1<1ChromiumppmASTM 05185m>10<100NickelppmASTM 05185m>10<100TitaniumppmASTM 05185m>10<100SilverppmASTM 05185m510<100AluminumppmASTM 05185m>10<100LeadppmASTM 05185m>10<100CopperppmASTM 05185m>10<100VanadumppmASTM 05185m>1000<1VanadumppmASTM 05185m>10000White Metalscalar*VisualNONENONENONENONESiliconppmASTM 05185m>20<100VaterVisualNONENONENONENONENONESiliconppmASTM 05185m>20<100WaterVisualNONENONENONENONENONESiliconppmASTM 05185m>20<100Bard/Dirtscalar*VisualNONENONENONENONESolitscalar*VisualNONENONENONENONEAstm 05185m500000Gardiar*Visua	Oil Changed		Client Info		Not Changd	N/A	N/A
Iron ppm ASTM D5185m >20 0 <1	Filter Changed		Client Info		Not Changd	N/A	N/A
Chromium ppm ASTM D5185m >10 <1	Sample Status				NORMAL	NORMAL	NORMAL
Chromium ppm ASTM D5185m >10 <1					•		
NickelppmASTM D5185m>10<1	-				-		
Titanium ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 10 <1 0 0 Aluminum ppm ASTM D5185m >10 <1 0 0 Lead ppm ASTM D5185m >10 <1 0 0 Copper ppm ASTM D5185m >75 4 4 4 Tin ppm ASTM D5185m >10 0 0 <1 Vanadium ppm ASTM D5185m >10 0 0 0 0 Vanadium ppm ASTM D5185m >20 RONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 <1 0 0 Water wC Method >0.1 NEG NORE NONE NONE Sand/Dirt scalar *Vi						-	
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Lead ppm ASTM D5185m >10 <1				10	-	-	-
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Potassium ppm ASTM D5185m >20 <1	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m5000BariumppmASTM D5185m5000MalganeseppmASTM D5185m50<	Silicon	ppm	ASTM D5185m	>20	2	3	3
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Barium ppm ASTM D5185m 5 0 0 0 Molybdenum ppm ASTM D5185m 5 0 <1	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG
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Phosphorus ppm ASTM D5185m 300 308 309 341 Zinc ppm ASTM D5185m 370 422 371 405 Sulfur ppm ASTM D5185m 2500 0 602 694	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML >0.1 5 5 5 5	NEG NONE NONE NORML NORML NEG 5 0 0 0 0 2	NEG NONE NONE NORML NORML NEG 4 0 0 2 4	NEG NONE NONE NORML NORML NEG 5 0 0 0
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Sulfur ppm ASTM D5185m 2500 0 602 694	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >0.1 NONE NONE NORML >0.1 >0.1 5 5 5 25 200 	NEG NONE NONE NORML NORML S 0 0 0 0 2 1 7 87	NEG NONE NONE NORML NORML NEG 4 0 0 4 0 0 <1 <1 5 91	NEG NONE NONE NORML NORML NORML NEG 5 0
	Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >0.1 NONE NONE NORML >0.1 5 5 5 200 300 	NEG NONE NONE NORML NORML S 0 0 0 0 2 1 7 87 308	NEG NONE NONE NORML NORML NORML NORML O 4 0 2 4 0 2 4 0 2 4 0 2 4 0 2 4 0 1 5 91 309	NEG NONE NONE NONE NORML NORML NORML NORML S 0 5 0 5 0 5 0 5 91 341
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Report Id: KENKENMO [WUSCAR] 06104692 (Generated: 03/04/2024 18:30:30) Rev: 1

Submitted By: RANDY PRICE



Ferrous Alloys 10 bpm 0 eb16/23 eb14/22 eb21/24 Aar74/7 Mar26/1 1ar22/21 **Nar3**/1 Apr2/1 Mar14/1 Non-ferrous Metals 10 • lead ppm ^{-eb}16/23 Mar24/21 Feb 14/22 eb21/24 Mar3/1 Mar26/1 Mar23/2 /larl Viscosity @ 40°C 39 38 37 36 35 34 cSt (40°C) Ba 32 3 30 29 Ab 28 Feb14/22. Feb16/23 -Feb21/24 -Apr2/16 Mar3/17 Mar14/18 Mar26/19 Mar23/20 Mar24/21

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0890550 **Received** : 29 Feb 2024 : 06104692 **Tested** : 01 Mar 2024 : 10902922 **Diagnosed** : 04 Mar 2024 - Don Baldridge : FLEET

KENNETT FIRE DEPARTMENT 200 CEDAR KENNETT, MO US 63857 Contact: DAVID HORTON



* - 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)

T: (573)888-5337 F:

Laboratory Sample No.

Lab Number : 06104692

Unique Number : 10902922