

Machine Id HITACHI ZX350-LC6 EX6127 (S/N 940187) Component Left Final Drive Fluid DURALENE Dura-Trans TO-4 50 (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

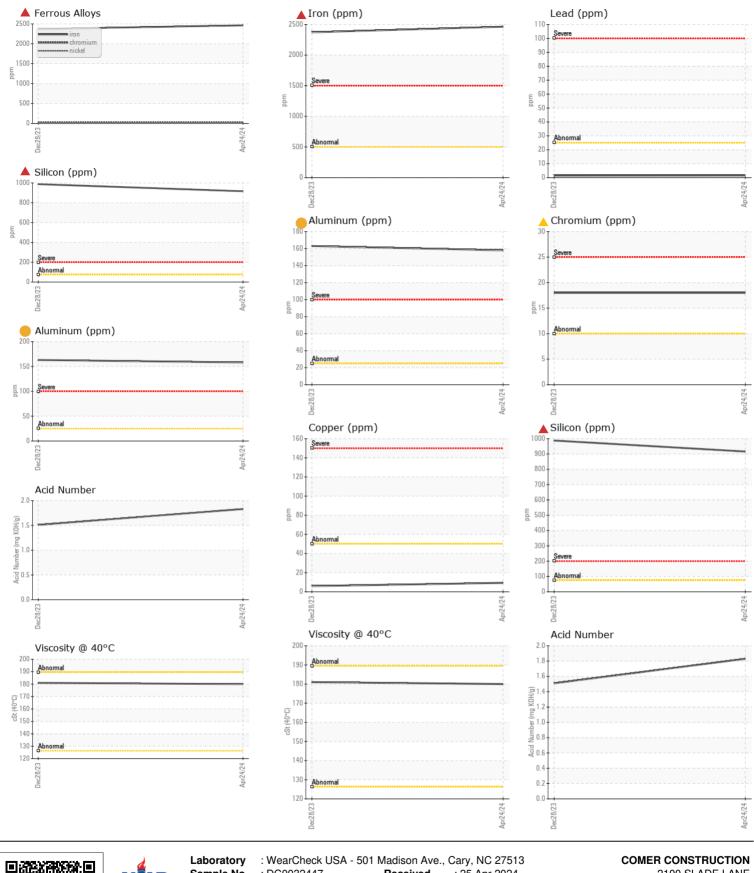
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.

FLUID CONDITION

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

TestUOMMethodLimit/hnCurrentHistory1History1Sample NumberClient InfoDC0032447DC0031152Sample DateClient Info24 Apr 202428 Dec 2023Machine AgehrsClient Info000Oil AgehrsClient Info000Filter AgehrsClient InfoN/AN/AOil ChangedClient InfoN/AN/AFilter AgehrsClient InfoN/AN/ASample StatusClient InfoN/AN/AStrongerppmASTM D5165m>10A18ANickelppmASTM D5165m>10A18NickelppmASTM D5165m>25158A163AluminumppmASTM D5165m>2596AuminumppmASTM D5165m>2596VanadiumppmASTM D5165m>100VanadiumppmASTM D5165m>100Silteryeala'visualNONENONENONEYealow Metalscalar'visualNONENONENONESilteryeala'visualNONENONENONESilterscalar'visualNONENONENONESilte							
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Acid Number (AN) mg KOH/g ASTM D8045 1.83 1.51	Zinc	ppm	ASTM D5185m		1045	1034	
	Sulfur	ppm	ASTM D5185m		17624	13100	
Visc @ 40°C cSt ASTM D445 180 181	Acid Number (AN)	mg KOH/g	ASTM D8045		1.83	1.51	
	Visc @ 40°C	cSt	ASTM D445		180	181	



COMER CONSTRUCTION Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 2100 SLADE LANE Sample No. : DC0032447 Received : 25 Apr 2024 Lab Number : 06160563 Tested : 26 Apr 2024 FOREST HILL, MD : 27 Apr 2024 - Don Baldridge US 21050 Unique Number : 10995986 Diagnosed Test Package : MOB 2 Contact: DONALD FOX Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. dfox@comerconstruction.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (443)269-1379 F: (410)638-0289

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

Submitted By: DONALD FOX Page 2 of 2