

## WEAR ATTENTION CONTAMINATION ABNORMAL FLUID CONDITION NORMAL

## Machine Id Ex-23 Component Left Final Drive Fluid {not provided} (--- GAL) RECOMMENDATION

the next service interval to monitor.

We advise that you check all areas where dirt can enter the system.

The oil change at the time of sampling has been noted. Resample at

WEAR

All component wear rates are normal.

## CONTAMINATION

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

**FLUID CONDITION** 

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

TestUOMMethodLimit/ACurrentHistory1History1Sample NumberCClient Info25 Jun 2024Sample DateClient InfoI4915Machine AgehrsClient Info500Filter AgehrsClient InfoS00Filter AgehrsClient InfoChangedFilter ChangedClient InfoChangedSample StatusClient InfoChangedTronppmASTM D5185>5001165ChromiumppmASTM D5185>102NickelppmASTM D5185>10SilverppmASTM D5185>25<1AluminumppmASTM D5185>504VanadiumppmASTM D5185>50<1SilverppmASTM D5185>50<1Yellow Metalscala'VisualNONEMODERSilteonppmASTM D5185>7<1Yellow Metalscala'VisualNONEMODERSilteonppmASTM D5185>20<1 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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Odorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185mBoronppmASTM D5185m3BariumppmASTM D5185m0MolybdenumppmASTM D5185m0ManganeseppmASTM D5185m1MagnesiumppmASTM D5185m119PhosphorusppmASTM D5185m3816PhosphorusppmASTM D5185m1146SulfurppmASTM D5185m1137	Sand/Dirt	scalar	*Visual	NONE	NONE		
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Sodium  ppm  ASTM D5185m  <1	Odor	scalar	*Visual	NORML	NORML		
Boron  ppm  ASTM D5185m  3     Barium  ppm  ASTM D5185m  0     Molybdenum  ppm  ASTM D5185m  0     Manganese  ppm  ASTM D5185m  1     Magnesium  ppm  ASTM D5185m  1     Magnesium  ppm  ASTM D5185m  19     Calcium  ppm  ASTM D5185m  3816     Phosphorus  ppm  ASTM D5185m  943     Zinc  ppm  ASTM D5185m  1146     Sulfur  ppm  ASTM D5185m  1380     Acid Number (AN)  mg KOH/g  ASTM D5185m  1137	Emulsified Water	scalar	*Visual	>0.2	NEG		
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Phosphorus  ppm  ASTM D5185m  943     Zinc  ppm  ASTM D5185m  1146      Sulfur  ppm  ASTM D5185m  8809      Acid Number (AN)  mg KOH/g  ASTM D8045  1.37	•						
Zinc  ppm  ASTM D5185m  1146     Sulfur  ppm  ASTM D5185m  8809     Acid Number (AN)  mg KOH/g  ASTM D8045  1.37			ASTM D5185m				
Sulfur  ppm  ASTM D5185m  8809      Acid Number (AN)  mg KOH/g  ASTM D8045  1.37							
Acid Number (AN)  mg KOH/g  ASTM D8045  1.37							
	Visc @ 40°C	cSt	ASTM D445		92.3		

Submitted By: BILL ENYART



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 HARNESS LLC 回流 Sample No. Received 855 N JAMES CAMPBELL BLVD : KFS0006077 : 01 Jul 2024 Lab Number : 06224659 COLUMBIA, TN Tested : 02 Jul 2024 Unique Number : 11102856 : 03 Jul 2024 - Jonathan Hester US 38401 Diagnosed Test Package : MOB 2 Contact: BEN HARNESS Certificate L2367 ben@slectharness.com 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. T: (615)733-4480 F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)