

Machine Id MOFFETT ABC93801 Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

The iron level is abnormal. All other component wear rates are normal.

CONTAMINATION

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

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test UOM Method LimitAb Current History1 History2 Sample Number Client Info 28 Feb203 Machine Age hrs Client Info 0 Machine Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Age hrs Client Info Changed Filter Changed Client Info Changed Sample Status ABMD5185m >10 Nickel ppm ASTMD5185m >10 0 Aluminum ppm ASTMD5185m >10 0 Aluminum ppm ASTMD5185m >10 0 Aluminum ppm ASTMD5185m >10 0							
Sample Date Client Info 28 Feb 2023 Machine Age hrs Client Info 0 Filter Age hrs Client Info 0 Filter Changed Client Info Changed Sample Status ABNORMAL Iron ppm ASTM D5185m >10 <1 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Auminum ppm ASTM D5185m >10 0 Astmostitism ysiaa NONE Astm D5185m >10 0 Yanadium ppm ASTM D5185m >20	Test	UOM	Method	Limit/Abn	Current	History1	History2
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Viscosity Index (VI) Scale ASTM D2270 102 154	-						
	Viscosity Index (VI)	Scale	ASTM D2270	102	154		



HIAB USA - Carnegie Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Recieved : 20 Mar 2023 200 1ST AVE : WC0772485 Lab Number CARNEGIE, PA : 05796649 Diagnosed : 22 Mar 2023 : 10386333 Diagnostician : Angela Borella US 15106 **Unique Number** Test Package : MOB 2 (Additional Tests: KV100, VI) Contact: GARY SPANGLE Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. gary.spangle@hiab.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (419)482-6000 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: GARY SPANGLE - HIACAR