

Area TODAYS CAR WASH 6 - 31ST ST BLDA A TEMPLE 6-2-PP

Component 2 Hydraulic Power Pack Fluid AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

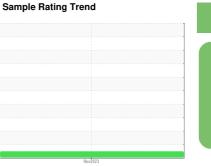
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

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



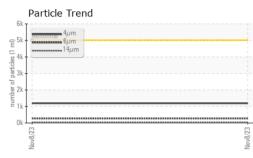


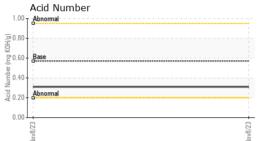
SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0877674		
Sample Date		Client Info		08 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	25	0		
Calcium	ppm	ASTM D5185m	200	34		
Phosphorus	ppm	ASTM D5185m	300	276		
Zinc	ppm	ASTM D5185m	370	355		
Sulfur	ppm	ASTM D5185m	2500	765		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1193		
Particles >6µm		ASTM D7647	>1300	277		
Particles >14µm		ASTM D7647	>160	30		
Particles >21µm		ASTM D7647	>40	9		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.31		

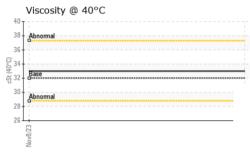
NORMAL

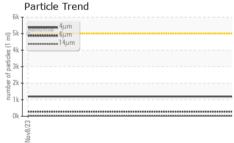


OIL ANALYSIS REPORT









VISUAL (hite Metal ellow Metal recipitate It ebris and/Dirt opearance dor mulsified Water ree Water FLUID PROPERT sc @ 40°C SAMPLE IMAGES olor ottom GRAPHS Ferrous Alloys	cSt	method *Visual method ASTM D445 method	limit/base NONE NONE NONE NONE NORML NORML >0.05 limit/base limit/base	current NONE NONE NONE NONE NONE NORML NORML NEG NEG Current 33.0 Current	history1 history1 no image	history2
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GRAPHS			1			
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iron			491,520	ſ		T
chromium nickel			122,880	ł		-2
			30,720	Severe		-2
				Abnormal		²
Nov8/			/goog 1,920		.	-1
	-			1		1
			of par			
copper						+2
				-		-1
1			8			-1
						T ¹
v8/23			7 /8/23	2		-8
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Viscosity @ 40°C				Acid Number	14μ 21μ	38µ 71µ
Abnormal				Abnormal		
1			j 0.80	Base		
Base			0.60 ع م م	Base		
Abnormal			N 0 20	Abnormal		
			V 0.00			
Nov8/23			Nov8/23	Nov8/23		
	Viscosity @ 40°C Abnomal Base Abnomal VearCheck USA - 5 (C0877674 F	Viscosity @ 40°C Abnomal	Viscosity @ 40°C Abnomal	Solution Solution	Viscosity @ 40°C	Viscosity @ 40°C Anormal Anorm

 Unique Number
 : 10740043
 Diagnostician
 : Doug Bogart

 Certificate 12367
 Test Package
 : PLANT

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
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 * - 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)

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