

OIL ANALYSIS REPORT

Area West Molding Machine Id **121 (S/N 3345798)** Component

Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (602 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

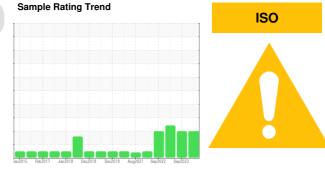
All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible. The system cleanliness is above the acceptable limit for the target ISO 4406 cleanliness code.

Fluid Condition

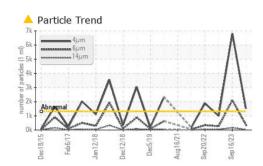
The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

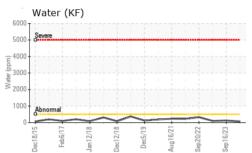


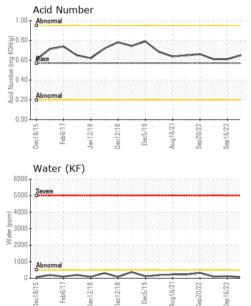
Sample Number Client Info RP0035699 RP0034694 RP0026016 Sample Date hrs Client Info 0 0 0 Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info N/A N/A N/A N/A Sample Status Image Client Info N/A N/A ABNORMAL ATTENTION WEAR METALS method Imitbase current history1 history2 Iron ppm ASTM 05185m >20 <1 <1 <1 Nickel ppm ASTM 05185m >20 <1 <1 <1 Silver ppm ASTM 05185m >20 0 0 0 Lad ppm ASTM 05185m >20 0 0 0 Cadmium ppm ASTM 05185m >20 0 0 0 Admananese ppm ASTM 05185m >20 0 0 0		ATION	7662.013 PBD	11 1- 1	Dec2019 Aug2021 Sep2022	Sep2023	
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FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>17/14/11	18/16/12	▲ 20/18/14	17/15/12
Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.65 0.61 0.61	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.65	0.61	0.61

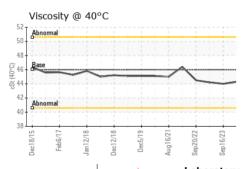


OIL ANALYSIS REPORT







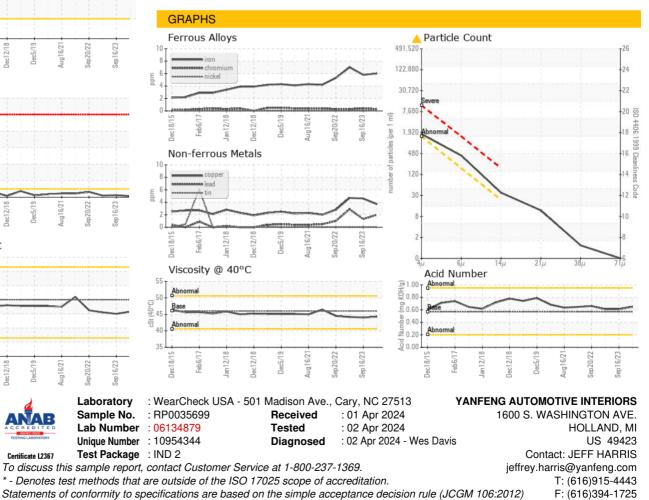


Certificate L2367

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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	- HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	44.3	44.0	44.2
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				a		

Bottom



Submitted By: JEFF HARRIS

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