



OIL REPORT

LAB NUMBER: J91488

REPORT DATE: 1/19/2019

CODE: 20/75

UNIT ID: PRESS #25

CLIENT ID:

PAYMENT: CC: Visa (Bulk)

UNIT	MAKE/MODEL: Auburg Hydraulic Press	OIL TYPE & GRADE:
	FUEL TYPE:	OIL USE INTERVAL: Hours
	ADDITIONAL INFO: Auburg 420M	

CLIENT	
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COMMENTS	This ISO 46-grade hydraulic oil had slightly elevated levels of iron and copper. With more samples we will be able to tell if these levels are normal for this press, but for now we don't think iron and copper are high enough to warrant an oil change. The trace of insolubles shows light oxidation of this oil and for this we suggest filtering the oil, if possible. Keep this oil in place and check back in 6 to 12 months for another look.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit								
	Sample Date	1/10/2019							
	Make Up Oil Added								
	ALUMINUM	0	0						0
	CHROMIUM	0	0						0
	IRON	12	12						8
	COPPER	35	39						20
	LEAD	0	0						1
	TIN	0	0						1
	MOLYBDENUM	0	0						1
	NICKEL	0	0						0
	MANGANESE	0	0						0
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM		2						1
	BORON	1	2						4
	SILICON	0	1						3
	SODIUM	5	5						4
	CALCIUM	51	76						132
	MAGNESIUM	2	2						13
	PHOSPHORUS	348	409						473
	ZINC	431	528						453
	BARIUM	0	0						5

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°	49.5						
	cSt Viscosity @ 100°C	7.13						
	Flashpoint in °F	440						
	Fuel %	-						
	Antifreeze %	-						
	Water %	0.0	0.0					
	Insolubles %	TR	<0.1					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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