



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 8/13/2018  
 CODE: 20/6

UNIT ID: SE.018  
 CLIENT ID:  
 PAYMENT: CC: Visa (Bulk)

<b>UNIT</b>	MAKE/MODEL: Sullair	OIL TYPE & GRADE: 10W/30
	FUEL TYPE:	OIL USE INTERVAL: 291 Hours
	ADDITIONAL INFO:	

<b>CLIENT</b>	
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**COMMENTS** We found enough wear in this Sullair 185 compressor oil to think the unit might have a problem. The viscosity is thick for a 10W/30; we suspect excessive heat caused the oil to thicken up. Heat would explain the poor wear too. Suggest a close inspection of this unit to make sure all is mechanically sound. Check back in just 25 hours on fresh oil to see how trends look.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	291	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	2,708						
	Sample Date	7/20/2018						
	Make Up Oil Added							
	ALUMINUM	11	11					0
	CHROMIUM	10	7					0
	IRON	207	102					2
	COPPER	28	14					1
	LEAD	5	2					0
	TIN	7	4					0
	MOLYBDENUM	61	42					0
	NICKEL	1	1					0
	MANGANESE	14	6					0
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	4	4					3
	BORON	25	53					2
	SILICON	12	11					7
	SODIUM	7	6					46
	CALCIUM	1495	1645					3
	MAGNESIUM	951	706					1
	PHOSPHORUS	1071	1042					20
	ZINC	1301	1296					52
	BARIUM	6	2					268

Values Should Be\*

PROPERTIES						
SUS Viscosity @ 210°	70.4	56-64				
cSt Viscosity @ 100°C	13.07	9.1-11.6				
Flashpoint in °F	435	>410				
Fuel %	-	<2.0				
Antifreeze %	-	0.0				
Water %	0.0	0.0				
Insolubles %	0.3	<0.6				
TBN						
TAN						
ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380