

MARK OSTER

COMPANY NAME : MARK\_OSTER  
 CUSTOMER EQUIP NUM : 192  
 COMPARTMENT NAME : ENGINE  
 SERIAL NUMBER : DD13  
 MANUFACTURER : FREIGHTLINER  
 MODEL : CASCADIA  
 JOB SITE :  
 EXT WARR NUMBER :

SHOP JOB NUM :  
 COMP SERIAL NUM :  
 COMPARTMENT MODEL :  
 COMP MANUFACTURER :  
 SAMPLE LABEL NUM :  
 FLUID BRAND/WEIGHT :  
 FLUID TYPE :  
 EXT WARR EXPIRE DATE :  
 FUEL CONSUMED :



**Fluids Analysis Laboratory**  
 1245 Bridgestone Parkway  
 La Vergne, TN 37086-3510  
 615-259-5811  
 www.thompsonmachinery.com

FAX:  
 PHONE:  
 SAMPLE TYPE: **OIL**  
 SAMPLE SHIP TIME (days) : 4

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D420-48257-0067	10-Sep-2018	14-Sep-2018	726369 HR	17322 HR	Unknown			
<div style="border: 2px solid green; padding: 2px;">No Action Required</div> NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								
D420-48197-0055	02-Jul-2018	16-Jul-2018	709000 HR	709000 HR	Yes			Yes
<div style="border: 2px solid green; padding: 2px;">No Action Required</div> NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	Mg	Zn	P	Ba	Co
D420-48257-0067	0	0	0	1	0	0	0	2	5	49	0	0	0	0	0	0		1076	5	575	346	0	149
D420-48197-0055	0	6	0	0	0	0	1	1	10	78	0	0	0	0	0	0	0	2140	11	1115	944	0	

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	F	V100
D420-48257-0067	2	18	9	22	N	N	N	15.0
D420-48197-0055	8	18	8	22	N	N	N	15.0

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Li = Lithium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, S = Sulphur, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying index, NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C, PVI = Particle Volume Indicator

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.