



ZIEGLER CAT - 901 W 94th Street, Minneapolis, MN, 55420-4299, USA

PHONE: 952-887-5830

Email: fluidlab@zieglercat.com Web: www.zieglercat.com

W
OL
12-22-21

CONTACT INFORMATION

GARY MAHR
J B HOLLAND CONSTRUCTION INC
2092 HIGHWAY 9 W
DECORAH, IA
US 52101-7807
PHONE: 563 382 2901
FAX: 563 382 2902
Email: gmahr@jbhc.biz

EQUIPMENT

EQUIP NUM: 3104
SERIAL NUMBER: MTST01082
MODEL: 3630T
MANUFACTURER: OTHER
COMPANY NAME: J B HOLLAND CONSTRUCTION INC
JOB SITE:
AREA:
REGION:

SAMPLE INFORMATION

COMPARTMENT NAME: TRANSMISSION
COMP SERIAL NUM:
COMPARTMENT MODEL:
LABEL#:
SHOP JOB NUM: SIOUX CITY
SAMPLE TYPE: OIL
SAMPLE SHIP TIME (days): 2
SAMPLE LOCATION:

Interp By: Chris Gillis

**Monitor
Compartment**

PARTICLE COUNT DATA IS HIGH. ISO CODE 18/15 IS RECOMMENDED (FOR THE LAST 2 POSITIONS) TO PREVENT ACCELERATED WEAR. CHECK FOR SOURCE OF CONTAMINATION. WHEN YOU CHANGE THE OIL/FILTER CHECK FOR VISIBLE DEBRIS. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.

PRIORITY: Normal

LAB # E500-51349-2216

WEAR/CONTAMINATION - ADDITIVES/FORMULATION

SAMPLE DATE	SAMPLE ID	METER	METER ON FLUID	FLUID CHANGE	FILTER CHANGE	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	P	Zn	Mg	Ba	B
13-Dec-21	E500-51349-2216	4083	499	N	Y	3	23	0	3	0	0	1	0	1	1	0	0	0	0	0	0	3961	1008	1229	8	0	4
26-Aug-21	E500-51244-2155	3584	873	Y	Y	7	47	0	1	1	0	2	2	1	1	0	0	0	0	1	0	3411	855	1061	10	0	5
14-Jun-21	E500-51168-2003	3256	545	N	Y	4	36	0	2	0	0	1	1	1	1	0	0	0	0	0	0	3561	934	1131	11	0	5
20-Aug-20	E500-50237-2061	2247	466	N	Y	3	59	0	0	0	2	3	1	1	1	0	0	0	0	1	0	3412	931	1160	10	0	9
04-May-20	E500-50127-2151	1781	959	Y	Y	4	121	1	0	1	1	4	2	2	0	0	0	0	0	1	0	3151	1007	1290	10	0	28
05-Sep-19	E500-49252-2134	1364	542	N	Y	3	74	0	0	0	0	2	1	1	0	0	0	0	0	1	0	2975	938	1206	9	0	27
28-Feb-19	E500-49066-2013	822		Y	Y	10	75	0	0	0	0	3	2	5	0	0	0	0	0	2	0	3132	1033	1292	10	1	40

OIL FORMULATION - OIL CONDITION - OIL CONTAMINATION

SAMPLE DATE	SAMPLE ID	FLUID BRAND	FLUID TYPE	FLUID WEIGHT	FLUID CHANGE	FILTER CHANGE	V100	ST	OXI	SUL	NIT	W	A	PQI	ISO
13-Dec-21	E500-51349-2216	CHEVRON		30	N	Y	10.4	1	6	13	3	N	N	14	22/19/14
26-Aug-21	E500-51244-2155	CHEVRON		30	Y	Y	10.2	2	6	13	4	N	N	17	16/13/10
14-Jun-21	E500-51168-2003	CHEVRON		30	N	Y	10.4	2	6	13	3	N	N	19	22/19/13
20-Aug-20	E500-50237-2061	CHEVRON		30	N	Y	10.3	0	7	15	3	N	N	12	23/21/13
04-May-20	E500-50127-2151	CHEVRON		30	Y	Y	10.5	0	11	23	4	N	N	52	23/21/11
05-Sep-19	E500-49252-2134	CAT		30	N	Y	11.1	0	11	23	3	N	N	39	22/19/11
28-Feb-19	E500-49066-2013		SATO		Y	Y	10.4	0	12	22	4	N	N	31	23/19/13

A = Antifreeze, Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, Fe = Iron, ISO = ISO Rating, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, PQI = Particle Quantifying Index, ST = Soot, SUL = Sulfation, Si = Silicon, Sn = Tin, Ti = Titanium, V = Vanadium, V100 = Viscosity@100C, W = Water, Zn = Zinc

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.