Hastings Deering CAT

UNIT INFORMATION	COMPONENT INFORMATION	SHOP JOB/SEGMENT
M/M : CATERPILLAR 236D	**Make** :	117441015
S/N : AZ600545	**Model** :	
LOC : Rockhampton	**S/N** :	

Condition Monitoring Centre

Express Post Satchels can be recycled. Please return any unused satchels.

A NO ACTION REQUIRED — DATE 06/07/2023 — LCN 18988914

Viscosity is consistent with oil type indicated. Wear levels below the 5 micron range appear acceptable. All other tests appear acceptable.
Suggested action: Continue sampling at the recommended interval. Sample Notes: Normal - Interval: 250

CURRENT SAMPLE	TOOK 11 DAYS TO REACH LAB	INTERPRETED BY	Anthony Marshall	ANALYSED BY	shabrow	MAINTENANCE	

A NO ACTION REQUIRED — DATE 22/04/2023 — LCN 18769933

Viscosity appears typical of 15W40 grade oil.Wear levels below the 5 micron range appear acceptable.Other test results appear acceptable.Suggested Action:Continue sampling at the recommended interval. Sample Notes:

PREVIOUS SAMPLE	TOOK 34 DAYS TO REACH LAB	INTERPRETED BY	Craig Boyden Cert SOS SI 1	ANALYSED BY	lynfern	MAINTENANCE	

IDENT		SAMPLE INFORMATION							ELEMENTAL ANALYSIS														FTIR ANALYSIS				MISC					
SMU	E	CMU	FMU	C	SAMPLE DATE	LAB DATE	LCN	OIL ADD	Cu Copper	Fe Iron	Cr Chromium	Pb Lead	Al Aluminium	Si Silicon	Sn Tin	Ni Nickel	Mn Manganes	V Vanadium	Ti Titanium	Ag Silver	Sb Antimony	S Sulfur	UST Soot	UOXI Oxidation	UNIT Nitration	USUL Sulfation	AN ıcid Numbe	TAN Acid #	TBN Base #	COL Colour	RULER Life %	MPC ɜ Patch Co
801	A	801	801	Y	06/Jul/23	17/Jul/23	18988914		4	14	<1	<1	2	4	<1	<1	<1	<1	<1	<1	<1	2791	7	23	8	25						
674	A	674	674	N	22/Apr/23	26/May/23	18769933		5	10	1	<1	2	6	<1	<1	<1	<1	<1	<1	<1		2	21	7	25						
316	B	316			16/Nov/22	27/Nov/22	18088809		40	44	2	<1	4	11	<1	<1	3	<1	<1	<1	<1		14	21	10	26						
316	B	316	316	N	30/Mar/22	01/Apr/22	17186418		25	36	2	<1	5	15	<1	<1	3	<1	<1	<1	<1		8	18	8	24						

IDENT		FLUID CHARACTERISTICS												PHYSICAL TESTING										PARTICLE ANALYSIS						
SMU	E	OIL BRAND	OIL GRADE	Ca Calcium	Mg Magnesiu	Zn Zinc	P Phosphor	Mo Molybdenun	B Boron	Ba Barium	Cd Cadmium	V40 Vis. 40C	V100 Vis. 100C	F Fuel %	Na Sodium	K Potassium	WAT Water	WKF Water PPM	OH Hydroxyl	Li Lithium	PQ PQ Index	DEP Deposits	GLYC Glycol	PC4 >4 µm	PC6 >6 µm	PC14 >14 µm	PC38 >38 µm	PC50 >50 µm	ISO ISO 4406	ISO4407 ISO 4407
801	A	CAT DEO ULS CK-4	15W40	1261	379	806	705	29	31	<1	<1	97	13.3	<2.0	2	<1	<0.1			<1	3	N--B								
674	A	UNKNOWN	OIL	1542	448	955	836	34	42	<1	<1	94	13.0	<2.0	3	<1	0.1			<1	7	LM-B								
316	B	CAT FACTORY		1575	495	972	803	26	20	4	<1	82	11.9	<2.0	4	2	0.1			<1	19	LM-B								
316	B	CAT FACTORY		1811	487	1036	875	33	30	4	<1	78	11.5	<2.0	4	1	<0.1			<1	9	LM-B								