Hastings Deering | CAT

GARRAWAY GROUP QMAG TD58 FINAL DRIVE RIGHT	UNIT INFORMATION **M/M** : CATERPILLAR D10T2 **S/N** : RAB-SERIAL NOT PROVIDED **LOC** : QMAG	COMPONENT INFORMATION **Make** : **Model** : **S/N** :	SHOP JOB/SEGMENT

Condition Monitoring Centre

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

A NO ACTION REQUIRED — DATE 19/02/2026 — LCN 22872938

Viscosity acceptable for oil grade indicated. FD-1 SAE 60 grade is the recommended oil for maximum bearing life & gear re-usability. Wear levels below the 5 micron range appear acceptable. Other test results appear acceptable. **Suggested Action:** Continue sampling at the recommended interval. Sample Notes:

CURRENT SAMPLE	TOOK 11 DAYS TO REACH LAB	INTERPRETED BY	Dinny Kyle	ANALYSED BY	shabrow	MAINTENANCE	

A NO ACTION REQUIRED — DATE 11/11/2025 — LCN 22471129

All Test Results appear to be Normal. Continue Sampling at the Recommended Interval. Sample Notes:

PREVIOUS SAMPLE	TOOK 8 DAYS TO REACH LAB	INTERPRETED BY	AnalyticA	ANALYSED BY	samlines	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 Acid #	TAN Total Acid #	TBN Base #	COL Colour	RULER Life %	MPC Patch Co
21000	A	21,000	21,000	Y	19/Feb/26	02/Mar/26	22872938		<1	28	<1	<1	2	34	<1	<1	<1	<1	<1	<1	<1	17595		7	<1							
20750	A	20,750	20,750	N	11/Nov/25	19/Nov/25	22471129		<1	12	<1	<1	1	19	<1	<1	<1	<1	<1	<1	<1	14465		7	<1							
20500	A	20,500	0		03/Sep/25	08/Sep/25	22165036		<1	48	<1	<1	2	14	<1	<1	<1	<1	<1	<1	<1	7382		8	<1							

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
21000	A	SHELL	60	3395	27	1052	876	<1	2	<1	<1	292			<1	2	<0.1			<1	12	LMF-		48153	16364	76	1	<1	23/21/13	
20750	A	SHELL	60	3173	16	983	806	<1	10	<1	<1	300			2	<1	<0.1			<1	2	N---		29135	4023	47	2	1	22/19/13	
20500	A	SHELL	60	367	4	37	322	<1	82	<1	<1	336			5	<1	<0.1			<1	18	LM--		59078	22764	68	<1	<1	23/22/13	

Hastings Deering | CAT

GARRAWAY GROUP
QMAG
TD58 TRANSMISSION

UNIT INFORMATION	
M/M	: CATERPILLAR D10T2
S/N	: RAB-SERIAL NOT PROVIDED
LOC	: QMAG

COMPONENT INFORMATION	
Make	:
Model	:
S/N	:

SHOP JOB/SEGMENT

Condition Monitoring Centre

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

A NO ACTION REQUIRED — DATE 19/02/2026 — LCN 22872909

All Test Results appear to be Normal. Continue Sampling at the Recommended Interval. Sample Notes:

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

A NO ACTION REQUIRED — DATE 03/09/2025 — LCN 22162517

Viscosity acceptable for oil grade indicated. Wear levels below the 5 micron range appear acceptable. Other test results appear acceptable.
Suggested action: Next sample please confirm exact oil type used. Continue sampling at the recommended interval. Sample Notes:

PREVIOUS SAMPLE	TOOK 5 DAYS TO REACH LAB	INTERPRETED BY	Calvin Wang 07 3717 2474	ANALYSED BY	edwawan	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 Acid #	TAN Total Acid #	TBN Base #	COL Colour	RULER Life %	MPC Patch Co
21000	A	21,000	21,000	Y	19/Feb/26	02/Mar/26	22872909		2	4	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	4450		6	<1							
20500	A	20,500	0		03/Sep/25	08/Sep/25	22162517		<1	2	<1	<1	<1	11	<1	<1	<1	<1	<1	<1	<1	3530		5	<1							

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
21000	A	SHELL	30	3086	11	973	805	<1	2	<1	<1	103			<1	<1	<0.1			<1	1	L-F-		17389	1722	47	1	<1	21/18/13	
20500	A	SHELL	30	3003	11	953	767	<1	2	<1	<1	91			<1	<1	<0.1			<1	1	N---		55957	5574	62	1	<1	23/20/13	

Hastings Deering | CAT

GARRAWAY GROUP QMAG TD58 FINAL DRIVE LEFT	UNIT INFORMATION **M/M** : CATERPILLAR D10T2 **S/N** : RAB-SERIAL NOT PROVIDED **LOC** : QMAG	COMPONENT INFORMATION **Make** : **Model** : **S/N** :	SHOP JOB/SEGMENT

Condition Monitoring Centre

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

A NO ACTION REQUIRED | **DATE** 19/02/2026 | **LCN** 22872937

Viscosity is typical of 60 grade oil. FD-1 SAE 60 Grade is the recommended oil for maximum bearing life & gear re-usability. Wear levels below the 5 micron range appear acceptable. Other test results appear acceptable. **Suggested action:** Ensure correct oil type/grade is marked on card and used to service this compartment. Continue sampling at the recommended interval. Sample Notes:

CURRENT SAMPLE	TOOK 11 DAYS TO REACH LAB	INTERPRETED BY	Dinny Kyle	ANALYSED BY	shabrow	MAINTENANCE	

A NO ACTION REQUIRED | **DATE** 11/11/2025 | **LCN** 22471128

Viscosity appears more typical of 60 grade oil. Wear levels below the 5 micron range appear acceptable. Other test results appear acceptable. Suggested Action: Ensure correct oil type/grade is marked on card and used to service this compartment. FD-1 SAE 60 Grade is the recommended oil for maximum bearing life &/or gear re-usability. Continue sampling at the recommended interval. Sample Notes:

PREVIOUS SAMPLE	TOOK 8 DAYS TO REACH LAB	INTERPRETED BY	Richard Hamm Ph 3365 9341	ANALYSED BY	samlines	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 Acid #	TAN Total Acid #	TBN Base #	COL Colour	RULER Life %	MPC Patch Co
21000	A	21,000	500	Y	19/Feb/26	02/Mar/26	22872937		<1	8	<1	<1	<1	19	<1	<1	<1	<1	<1	<1	<1	17594		7	<1							
20750	A	20,750	250	N	11/Nov/25	19/Nov/25	22471128		<1	7	<1	<1	<1	13	<1	<1	<1	<1	<1	<1	<1	14390		7	<1							
20500	A	20,500	0	Y	03/Sep/25	08/Sep/25	22165035		<1	29	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	7374		8	<1							

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
21000	A	SHELL	50	3403	14	1051	876	<1	2	<1	<1	292			<1	1	<0.1			<1	3	L-F-		28309	5583	69	<1	<1	22/20/13	
20750	A	SHELL	50	3115	13	962	812	<1	10	<1	<1	300			1	<1	<0.1			<1	1	LM--		27092	4246	39	1	1	22/19/12	
20500	A	SHELL	50	441	4	65	332	<1	82	<1	<1	334			5	1	<0.1			<1	14	LM--		58337	15503	56	1	<1	23/21/13	

Hastings Deering | CAT

GARRAWAY GROUP
QMAG
TD58 ENGINE PRIMARY - DIESEL

UNIT INFORMATION	
M/M	: CATERPILLAR D10T2
S/N	: RAB-SERIAL NOT PROVIDED
LOC	: QMAG

COMPONENT INFORMATION	
Make	:CATERPILLAR
Model	:C-27 ACERT
S/N	:

SHOP JOB/SEGMENT

Condition Monitoring Centre

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

A NO ACTION REQUIRED — DATE 19/02/2026 — LCN 22873409

All Test Results appear to be Normal. Continue Sampling at the Recommended Interval. Sample Notes:

CURRENT SAMPLE	TOOK 11 DAYS TO REACH LAB	INTERPRETED BY	AnalyticA	ANALYSED BY	samlines	MAINTENANCE	

A NO ACTION REQUIRED — DATE 11/11/2025 — LCN 22471523

Viscosity acceptable for oil grade indicated. Wear levels below the 5 micron range appear acceptable. Other test results appear acceptable.
Suggested action: Next sample please confirm exact oil type used. Continue sampling at the recommended interval. Sample Notes:

PREVIOUS SAMPLE	TOOK 8 DAYS TO REACH LAB	INTERPRETED BY	Dean Beeston	ANALYSED BY	sianf	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 Acid #	TAN Total Acid #	TBN Base #	COL Colour	RULER Life %	MPC Patch Co
21000	A	21,000	250	Y	19/Feb/26	02/Mar/26	22873409		3	11	<1	<1	2	6	<1	<1	<1	<1	<1	<1	<1	4100	22	14	<1	19						
20750	A	20,750	250	Y	11/Nov/25	19/Nov/25	22471523		2	10	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	4510	20	13	<1	18						
20500	A	20,500	0	Y	03/Sep/25	05/Sep/25	22163119		<1	10	<1	<1	2	5	<1	<1	<1	<1	<1	<1	<1	4139	12	13	<1	20						

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
21000	A	SHELL	15W40	1625	304	1070	915	56	75	<1	<1	94	13.0	<2.0	3	1	0.1			<1	3	N--B								
20750	A	SHELL	15W40	1978	9	1044	880	79	43	<1	<1	93	13.2	<2.0	2	1	0.1			<1	<1	N--B								
20500	A	SHELL	15W40	1938	8	1037	928	77	52	<1	<1	95	13.1	<2.0	3	<1	0.1			<1	4	N--B								