

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : DIFFERENTIAL

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
22-Nov-22	B270-52332-8048	1382	13465	N	MC	9	7	19	0	32	3	2	457	0	6	5	1	13	697	8	81	0	3	0	3	610	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
22-Nov-22	B270-52332-8048	26.95	0	5	18	0	N	25/24/20	NVP	174068	107777	30123	8248	3130	1212	16	5



COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : DIFFERENTIAL CENTER

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
28-Apr-26	B270-56118-0015	1838	455	N	NAR	1	2	111	0	5	1	1	66	0	1	1	0	4	858	1	18	0	1	0	0	137	0
16-Dec-24	B270-55090-0100	1724	341	N	NAR	0	0	158	0	12	0	0	62	0	3	0	0	0	966	0	21	0	0	0	0	44	0
22-Mar-24	B270-54086-8075	1530	147	N	NAR	1	2	111	0	6	1	1	68	0	1	1	0	3	816	2	16	0	0	0	0	127	0
22-Sep-21	B270-51278-8057	1344	13427	N	MC	10	7	21	0	48	4	2	583	1	10	8	1	14	872	7	107	0	4	0	3	837	0
20-Aug-20	B270-50245-8051	1206	13289	N	NAR	6	6	18	0	28	3	2	335	0	3	4	1	8	624	5	61	0	2	0	2	469	0
22-May-19	B270-49148-8024	24166	24166	N	NAR	7	7	19	0	29	3	2	379	0	5	4	1	11	718	5	58	0	2	0	2	559	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
28-Apr-26	B270-56118-0015	17.20	0	6	19	0	N		NVP								
16-Dec-24	B270-55090-0100	17.64	0	6	21	0	N		NVP								
22-Mar-24	B270-54086-8075	17.27	0	5	20	0	N	23/18/12	NVP	43198	1613	69	21	11	0	0	0
22-Sep-21	B270-51278-8057	28.2	0	5	16	5	N	24/23/15	NVP	129326	42397	1834	311	184	137	42	26
20-Aug-20	B270-50245-8051	26.4	0	5	15	5	N	24/22/15	NVP	153267	21206	300	174	153	153	121	100
22-May-19	B270-49148-8024	26.4	0	5	15	5	N	BROWN									

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : DIFFERENTIAL REAR

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
28-Apr-26	B270-56118-0016	1838	455	N	NAR	1	0	152	0	11	0	0	17	0	1	0	0	1	978	1	9	0	1	0	0	49	0
28-Oct-24	B270-55090-0103	1724	341	N	NAR	0	0	155	0	12	0	0	59	0	3	0	0	0	956	0	20	0	0	0	0	44	0
22-Mar-24	B270-54086-8073	1530	147	N	NAR	3	1	135	0	22	0	0	89	0	2	1	1	1	906	2	32	0	0	0	0	44	0
22-Nov-22	B270-52335-8004	1382	13465	N	MC	8	2	135	0	118	1	1	233	0	4	2	1	5	920	3	56	0	3	0	1	175	0
22-Sep-21	B270-51278-8048	1344	13427	N	NAR	2	1	127	0	28	0	0	42	0	1	0	0	3	896	2	18	0	1	0	0	80	0
20-Aug-20	B270-50245-8049	1206	13289	N	NAR	3	1	111	0	71	1	1	105	0	2	1	0	2	815	2	27	0	1	0	1	130	0
22-May-19	B270-49148-8035	24166	24166	N	NAR	1	1	108	0	52	0	0	48	0	2	0	0	2	786	1	9	0	1	0	0	100	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
28-Apr-26	B270-56118-0016	17.07	0	6	22	0	N		NVP								
28-Oct-24	B270-55090-0103	17.42	0	6	23	0	N		NVP								
22-Mar-24	B270-54086-8073	17.34	0	6	22	0	N	25/22/12	NVP	161452	32374	469	32	16	0	0	0
22-Nov-22	B270-52335-8004	25.29	0	6	24	0	N	25/24/22	NVP	173209	132788	63957	20095	5386	1228	11	0
22-Sep-21	B270-51278-8048	24.2	0	6	21	4	N	23/19/14	NVP	59820	4964	559	158	74	58	53	42
20-Aug-20	B270-50245-8049	24.5	0	6	21	4	N	24/22/14	NVP	158611	33833	643	105	79	79	69	63
22-May-19	B270-49148-8035	24.6	0	6	21	4	N	23/22/18		56107	26767	5306	1351	438	260	50	16

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : ENGINE

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
28-Apr-26	B270-56118-0014	1838	114	Y	AR	0	0	54	0	1588	0	1	7	0	472	0	36	0	724	1	2	0	2	0	0	878	0
16-Dec-24	B270-55090-0099	1724	194	Y	NAR	0	0	55	0	1798	0	0	4	0	527	0	36	0	836	0	3	0	0	0	0	995	0
20-Mar-24	B270-54086-0036	1530	148	Y	NAR	0	0	62	0	1731	0	0	18	0	536	0	37	0	893	2	4	0	2	0	0	1074	0
22-Nov-22	B270-52335-0001	1382	38	Y	NAR	0	0	64	0	1780	0	1	3	0	489	0	31	0	798	5	5	0	1	0	0	956	0
22-Sep-21	B270-51278-0041	1344	93	Y	NAR	0	0	62	0	1779	0	2	3	0	519	0	40	0	833	6	4	0	1	0	0	1011	0
20-Aug-20	B270-50245-0026	1206	139	Y	MC	0	0	60	0	1835	0	2	4	0	564	0	41	0	853	4	4	0	1	0	2	1027	0
22-May-19	B270-49148-0008	24166	23179	Y	NAR	0	0	58	0	1935	0	4	5	0	751	0	46	0	1065	2	4	0	1	0	0	1201	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	F	PFC
28-Apr-26	B270-56118-0014	9.829	0	18	21	0	N		P	9.5
16-Dec-24	B270-55090-0099	12.73	0	19	23	0	N		N	
20-Mar-24	B270-54086-0036	12.63	0	18	22	0	N		N	
22-Nov-22	B270-52335-0001	12.59	0	18	22	0	N		N	
22-Sep-21	B270-51278-0041	12.5	0	20	23	5	N	N	N	
20-Aug-20	B270-50245-0026	12.2	0	20	22	6	N	N	P	3.3
22-May-19	B270-49148-0008	12.9	0	18	20	6	N	N	N	

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : HYDRAULIC SYSTEM

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
17-Apr-26	B270-56118-8031	1838	13921	N	NAR	1	0	41	0	3696	0	57	10	8	55	0	6	0	1336	4	12	0	2	0	0	1542	0
16-Dec-24	B270-55090-8048	1724	13807	N	MC	1	0	42	0	3829	0	46	31	8	53	0	6	0	1295	5	14	0	4	1	0	1524	0
22-Mar-24	B270-54086-8074	1530	13613	N	NAR	1	0	42	0	3685	0	44	12	7	55	0	6	0	1386	5	14	0	2	1	0	1539	0
22-Nov-22	B270-52335-8002	1382	13465	N	MC	1	0	43	0	3553	0	45	31	7	51	1	6	1	1285	4	14	0	4	0	0	1437	0
22-Sep-21	B270-51278-8051	1344	13427	N	NAR	0	0	40	0	3930	0	37	8	7	70	0	7	0	1374	5	11	0	2	0	0	1544	0
20-Aug-20	B270-50245-8048	1206	13289	N	NAR	1	0	49	0	3945	0	44	34	6	56	0	7	0	1388	6	17	0	3	1	0	1595	0
22-May-19	B270-49148-8054	24166	24166	N	NAR	0	0	47	0	4323	0	40	31	5	60	0	7	0	1593	4	15	0	3	0	0	1714	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
17-Apr-26	B270-56118-8031	6.987	0	7	15	0	N		22/18/14	NVP	24685	2140	242	100	74	58	32	21
16-Dec-24	B270-55090-8048	6.465	0	9	17	0	N		24/22/15	NVP	149636	24068	1402	190	69	26	0	0
22-Mar-24	B270-54086-8074	7.141	0	9	20	0	N		23/18/10	NVP	42661	2213	95	5	0	0	0	0
22-Nov-22	B270-52335-8002	6.997	0	11	23	0	N		24/22/16	NVP	135339	34234	3273	448	111	58	16	11
22-Sep-21	B270-51278-8051	7.0	0	11	20	6	N	N	21/18/14	NVP	15246	1328	211	137	132	132	105	58
20-Aug-20	B270-50245-8048	7.1	0	10	20	5	N	N	24/20/14	NVP	122069	8875	353	126	84	79	74	42
22-May-19	B270-49148-8054	6.9	0	10	20	5	N	N	24/23/18	NVP	123933	67042	10316	1331	237	87	3	1

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : RADIATOR

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Cu	Fe	Pb	Sn	Al	Zn	NO2	Na	K	Mo	MoO4	BO3	SiO3
06-Oct-25	B270-56118-1010	1838	13921	N	MC	16	0	0	0	0	0	>4500	9230	2462	124	207	4491	127
28-Oct-24	B270-55090-1008	1724	13807	N	MC	14	0	1	0	0	0	7043	8153	2130	119	198	4273	109
19-Mar-24	B270-54086-1023	1530	13613	N	MC	12	0	1	0	0	0	6709	8443	2169	122	204	4316	126
22-Nov-22	B270-52335-1003	1382	13465	N	AR	13	0	1	0	0	0	5950	11310	2973	171	285	6218	136
22-Sep-21	B270-51278-1006	1344	13427	N	AR	12	0	1	1	0	0	8505	9072	2469	125	209	4857	122
20-Aug-20	B270-50245-1011	1206	13289	N	AR	12	0	1	0	0	0	7886	9279	2347	118	197	4811	124
22-May-19	B270-49148-1002	24166	24166	N	AR	10	0	1	0	0	0	9949	9609	2500	133	222	4831	168

Sampled Date	Sample ID	GL	FP	BP	pH	CON	PO4	TH
06-Oct-25	B270-56118-1010	61	-56	110	8.4	8250	1670	7
28-Oct-24	B270-55090-1008	61	-56	110	8.5	8194	1564	7
19-Mar-24	B270-54086-1023	61	-56	110	8.6	8034	1574	6
22-Nov-22	B270-52335-1003	61	-56	110	8.7	8336	2422	8
22-Sep-21	B270-51278-1006	60	-53	109	8.7	8204	1762	6
20-Aug-20	B270-50245-1011	61	-56	110	8.3	8943	1617	5
22-May-19	B270-49148-1002	61	-56	110	8.8	8283	1743	4

Sampled Date	Sample ID	Color	Appearance	ODOR	Foam	Precipitate Amount	Precipitate Appearance	Precipitate Properties
06-Oct-25	B270-56118-1010	orange	clear		norm	none	N/A	N/A
28-Oct-24	B270-55090-1008	orange	clear		norm	none	N/A	N/A
19-Mar-24	B270-54086-1023	red	clear	norm	norm	none		
22-Nov-22	B270-52335-1003	orange	clear	norm	norm	none		
22-Sep-21	B270-51278-1006	orange	clear	norm	norm	none		
20-Aug-20	B270-50245-1011	orange	clear	norm	norm	none		
22-May-19	B270-49148-1002	orange	clear	norm	norm	none		

COMPARTMENT SAMPLE HISTORY (Short Version)

RYAN INCORPORATED CENTRAL

Serial # 1M2P267Y5YM054322

Unit # 62-10221

Compartment : TRANSMISSION

Sampled Date	Sample ID	Meter	Fluid Hours	Fluid Chg.	Overall Eval.	Al	Ba	B	Cd	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	P	K	Si	Ag	Na	Sn	Ti	Zn	V
17-Apr-26	B270-56118-8032	1838	113	N	NAR	2	0	5	0	3468	0	8	59	0	44	1	4	0	990	2	18	0	2	0	0	1234	0
05-Jun-25	B270-55161-8008	1725	13808	Y	MC	3	1	5	0	2377	1	16	86	0	52	1	5	0	803	2	11	0	8	0	1	977	0
16-Dec-24	B270-55090-8045	1724	13807	N	AR	4	1	7	0	3201	1	18	110	0	73	1	5	0	1044	5	12	0	10	0	1	1284	0
22-Mar-24	B270-54086-8072	1530	13613	N	MC	3	0	5	0	2647	1	12	76	0	64	1	5	0	951	3	11	0	6	0	1	1130	0
22-Nov-22	B270-52335-8003	1382	13465	N	MC	4	1	8	0	3000	1	11	62	0	70	1	5	1	1047	4	12	0	10	0	1	1226	0
22-Sep-21	B270-51278-8050	1344	13427	N	NAR	2	0	7	0	3246	0	8	46	0	77	1	5	0	1120	3	10	0	9	0	1	1312	0
20-Aug-20	B270-50245-8054	1206	13289	N	NAR	1	0	10	0	2941	0	5	41	1	69	1	4	0	1045	5	8	0	9	0	1	1213	0
22-May-19	B270-49148-8055	24166	24166	N	NAR	3	1	2	0	3193	1	43	126	0	12	2	3	0	1060	3	11	0	4	0	0	1234	0

Sampled Date	Sample ID	V100	ST	OXI	SUL	NIT	W	A	ISO	PC Rating	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
17-Apr-26	B270-56118-8032	15.22	0	5	14	0	N		24/21/14	NVP	101289	10055	306	90	63	47	26	21
05-Jun-25	B270-55161-8008	16.14	0	3	15	0	N		24/22/16	NVP	122011	34571	2851	617	253	148	0	0
16-Dec-24	B270-55090-8045	16.37	0	5	18	0	N		25/23/18	NVP	182642	69849	8912	1502	364	132	0	0
22-Mar-24	B270-54086-8072	16.22	0	4	18	0	N		24/23/19	NVP	126190	65232	14730	3457	1202	485	21	0
22-Nov-22	B270-52335-8003	16.24	0	4	17	0	N		24/22/12	NVP	145015	23430	327	37	32	32	5	5
22-Sep-21	B270-51278-8050	16.3	0	4	18	5	N	N	24/21/15	NVP	84257	10698	917	184	100	58	37	32
20-Aug-20	B270-50245-8054	16.2	0	4	17	5	N	N	24/20/14	NVP	109273	7157	306	111	100	95	74	53
22-May-19	B270-49148-8055	18.1	0	4	19	6	N	N	BROW N									