

Oil Analysis Report



MySampleCompany

Released Date: Feb 9, 2026, 10:46:22 AM



Asset Information	
Site: SiteL	Location: Demo_Location
Asset: Asset10 → Engine10 → Engine	Serial Number:
Manufacturer: Generic	Model: Model
Component Type: Engine, Heavy duty diesel	Asset Operating:
Sample Information	
Oil: Grabner Super(0)	Oil Operating: 169 hours
Draw Date: Jan 18, 2026, 6:54:00 AM	Top up:
Notes:	

TruVu 360 Fluid IQ Analysis

Oil Health Forecast:

- Current Typical Oil Change Interval (hours): 500
- AI predicts the next oil change (RUL) will be needed due to high Iron in (hours): 215.0
- Based on current operating conditions, AI predicts a severe alarm will trigger in (hours): 319.0

Onsite Oil Analysis Program Improvement:

- Current average sampling interval (hours): 59.0
- AI suggests the next sample should be taken in (hours): 215.0

Statistical Insights:

- Aluminium result may be unusual. Review sample result and recommend resampling to confirm.

Notes:

- Results were generated based on the Risk Level of high.

Diagnosis/Recommendation

Observations: current condition is acceptable

Diagnostics: No diagnostic issues identified

Actions: Resample at regular interval

Additional Recommendations: none



Test Performed by: _____ Released by: sysadmin Lab Supervisor: _____

Test Results

TriVector	Parameter	Current Sample					Unit
		99	98	97	96	95	
	Sample ID	99	98	97	96	95	
	Draw Date	Jan 18, 2026, 6:54:00 AM	Jan 7, 2026, 6:54:00 AM	Dec 27, 2025, 6:54:00 AM	Dec 16, 2025, 6:54:00 AM	Dec 5, 2025, 6:54:00 AM	
	Test Date	Feb 9, 2026, 6:32:51 AM	Feb 9, 2026, 6:32:50 AM	Feb 9, 2026, 6:32:49 AM	Feb 9, 2026, 6:32:48 AM	Feb 9, 2026, 6:32:47 AM	
	Released Date	Feb 9, 2026, 10:46:22 AM	Feb 9, 2026, 10:46:23 AM	Feb 9, 2026, 10:14:18 AM	Feb 9, 2026, 10:14:11 AM	Feb 9, 2026, 10:13:41 AM	
	Oil	Grabner Super(0)	Grabner Super(0)	Grabner Super(0)	Grabner Super(0)	Grabner Super(0)	
	Asset Operating	37621	37585	37503	37452	37367	hours
	Component Operating						hours
	Oil Operating	169	133	51	417	332	hours
	Oil Changed	Unknown	Unknown	Unknown	Unknown	Unknown	
	Filter Changed	Unknown	Unknown	Unknown	Unknown	Unknown	

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TriVector	Parameter	Current Sample	History Sample(s)				Unit
	Top up						litres
	Alarm Code	✓	✓	✓	⊘	⚠	
⚙	Iron	63.15	58.52	30.08	96.07	69.68	ppm
⚙	Aluminium	3.25	5.49	5.1	18.28	15.03	ppm
⚙	Lead	2.28	0.19	0.68	2.44	2.46	ppm
⚙	Copper	11.67	9.1	1.88	30.53	23.86	ppm
💧	Silicon	18.77	9.04	1.1	42.65	35.16	ppm
💧	Sodium	0.36	0.21	0.22	0.24	0.23	ppm
💧	Water	249.18	381.77	312.15	1331.08	575.1	ppm
🧪	TBN	5.86	6.04	6.96	3.28	4.32	mg KOH/g
🧪	Visc 100	53.77	53.03	55.09	57.4	58.09	cSt