Diesel engine test report

Engine serial number	5TL01077
Workorder number	4C048217
Project number	DPH 109802

Date test start	: Friday, August 14, 2026		
Date test end	: Friday, August 14, 2026		
Customer data			
Customer	: Diesel Power Holland	Zipcode	: 4782PZ
Address	: Oostelijke randweg 18	Telephone number	: 0168 388 488
Place	: Moerdijk	Contact person	: Erik
Engine data			
Type	: 3508	O.T. number	: 2T5357
Arrangement number	: 7E9078/0R3981	SMU	: 0
Application	: Ind	TURBO NR.	: 0R6158/7E9497
Advertised Speed / Power	: 1750 rpm/ 649 kW	FUEL inj.	:10R2826/7E8836
Attachments			
Governor make	: Cat Type: adam 3	Serial number	: N/a
Ign. system	: N/a	Serial number	: N/a
Generator	: N/a	Serial number	: N/a
ECM SOFTWARE.	: 4326931	ECM NR.	: 2925B010JP
Adjustments			
Power kW	: 746	RPM	: 1750
910 low idle speed RPM	: 700	FLS mm	: 18,600 mm
910 high idle speed RPM	: 1937	FTS mm	: 18,600 mm
Full load	: 100%	Generator power ekW	:
Consumption fuel/gas/oil			
		Gas by	: bar
Fuel Test end	: 370 liters		: m³
Fuel Test start	: 0 liters		: m³
Consumption	: 370 liters		: m³
Lub. oil	: Lev klant liters		: 15W40 SAE

Calibration done by: Endress+Hauser
Date of last calibration: May 2026
Calibrations waterbrakes done by: Horiba
Date of last calibration: May 2026

General data

	1	2	3	4	5	6	7	8	9	10
Time (start / stop) min		30	30	30	60					
Remarks during test procedure										
Engine rpm RPM	Start	1100	1375	1575	1750					
Load %		25	50	75	100					
Shaft kW		162	325	486	682					
Torque Nm		1372	2270	2910	3730					

JW Cooling system

922 JW inlet temp ºC (from cooling system)	45	50	50	50					
901 JW outlet temp ºC (before regulator)	84	85	84	85					
902 JW pump outlet °C	82	82	81	81					
903 A/C inlet water temp °C	25	25	25	25					
903A A/C outlet water temp °C	26	27	28	30					

913 Lube oil eng. Inlet temp ºC	84	89	90	92					
Delta T cooler	6	6	6	8					
914 Lube oil press. kPa	370	408	405	405					
Crankcase pressure kPa	0.1	0.1	0.1	0.2					

906 Inlet Manifold temp. ºC Before aftercooler	68	110	154	205					
906 Inlet Manifold temp. R ºC After aftercooler	50	54	55	60					
930 Air@Air cleaner temp. ºC	30	34	36	41					
Air inlet pres. L kPa	18	52	98	146					

Ambient temperature: 20

	1					6	7	8	9	10
917 Fuel pressure kPa	N/a									
201 Fuel inlet line ºC	25	25	25	25						
202 Fuel outlet return ºC	39	39	39	39						
Fuel consumption L/H	44	86	127	184						

Fuel density g/dm 828 by 23

	1					6	7	8	9	10
Stack Temperature L °C	330	396	426	488						
Stack Temperature R °C	327	396	437	501						

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Remarks / Exceptions

Remarks: The oil pressure was 193 kPa and 92 ºC at low idle rpm

☒ Oil filter checked and approved

☒ Oil sample taken

☒ No visual leakages

☒ Engine mechanical approved

Work done by : Workshop Test done by : A. Theisens	Signature : Date : 14-8-26
Approved by customer : n.v.t	Signature : Date :
Approved by class.soc. : n.v.t. DHR: STAMPED:	Signature : Date :

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