

1.8 List of abbreviations

Tab 1-4 List of abbreviations and acronyms

Short form	Full form, meaning
ACM	Angle Calculation Module
ADA	crank Angle Determination Algorithm
AHD	ahead
ALM	alarm
AMS	Alarm and Monitoring System
A/R	as required
AST	astern
ASTM	American Society for Testing and Materials
BDC	Bottom Dead Center
BN	Base Number
BSEC	Brake Specific Energy Consumption
BSFC	Brake Specific Fuel Consumption
BSGC	Brake Specific Gas Consumption
BSPC	Brake Specific Pilot fuel Consumption
CAN	Controller Area Network
CCAI	Calculated Carbon Aromaticity Index
CCM	Cylinder Control Module
CCU	Cylinder Control Unit
CCW	counterclockwise
CMCR	Contract Maximum Continuous Rating
COC	Cleveland Open Cup
CPP	Controllable Pitch Propeller
CS	crankshaft
CW	clockwise
Cyl.	cylinder
DBT	Delta Bypass Tuning
DCC	Dynamic Combustion Control
DE	Driving End
DENIS	Diesel Engine coNtrol and optImizing Specification
DF	Dual Fuel

Short form	Full form, meaning
ECA	Emission Control Area
ECR	Engine Control Room
ECS	Engine Control System
eg or e.g.	for example (exempli gratia)
EGR	Exhaust Gas Recirculation
ELBA	ELectrical BALancer
ES	Exhaust Side
ESS	Engine Safety System
FAME	Fatty Acid Methyl Esters
FAST	Fuel Actuated Sacless Technology
FCM	Flex Control Module
FCV	Forged Crankshaft Version
FE	Free End
FGSS	Fuel Gas Supply System
FLV	Flow Limiting Valve
FPP	Fixed Pitch Propeller
FQS	Fuel Quality Setting
FS	Fuel Side
FZG	Forschungsstelle für Zahnräder und Getriebebau (gear research center)
GAV	Gas Admission Valve
GSS	Gas Safety System
GTD	General Technical Data
GTU	GaTeway Unit
GVU	Gas Valve Unit
HFO	Heavy Fuel Oil
HFR	High Feed Rate
HP	High Pressure
HT	High Temperature
IACS	International Association of Classification Societies
iCAT	integrated Cylinder lubricant Auto Transfer
ICC	Intelligent Combustion Control
ICM	Intelligent Combustion Monitoring

Short form	Full form, meaning
ICU	Injection Control Unit
ie or i.e.	that is (id est)
iELBA	integrated ELectrical BALancer
iGPR	integrated Gas Pressure Regulation
IMO	International Maritime Organization
Ind.	Indenture
IOM	Input Output Module
ISO	International Standard Organization
JIS	Japanese Industrial Standard
KOH	Potassium hydroxide
LDU	Local Display Unit
LED	Light Emitting Diode
LEL	Lower Explosive Level
LFR	Low Feed Rate
LHV	Lower Heating Value
LLT	Low-Load Tuning
LNG	Liquefied Natural Gas
LP	Low Pressure
LT	Low Temperature
MARPOL	International Convention for the Prevention of Pollution from Ships (MARine POLLution)
MCM	Main Control Module
MCP	Manual Control Panel
MCR	Maximum Continuous Rating
MCU	Main Control Unit
MDO	Marine Diesel Oil
MEG	MonoEthylene Glycol
MEP	Mean Effective Pressure
MGO	Marine Gas Oil
MIM	Marine Installation Manual
MM	Maintenance Manual
Modbus	serial communications protocol published by Modicon
MPG	MonoPropylene Glycol

Short form	Full form, meaning
N/A	not applicable
nil	not illustrated
No.	number
OAT	Organic Acid Technology
OM	Operation Manual
OPI	OPerator Interface (user interface in the engine control room)
PCS	Propulsion Control System
PCV	Pressure Control Valve
PMCC	Pensky Martens Closed Cup method
Pos.	position
PU	Piston Underside
RCS	Remote Control System
REF	Reference
rpm	revolutions per minute
SAC	Scavenge Air Cooler
SAE	Society of Automotive Engineers
SCR	Selective Catalytic Reduction
SCS	Speed Control System
SHD	shutdown
SLD	slowdown
SOI	Start Of Injection
SPC	Spare Parts Catalogue
SPC	Steam Production Control
TC	TurboCharger
TDC	Top Dead Center
UNIC	UNIfied Controls
USB	Universal Serial Bus
VCU	exhaust Valve Control Unit
VEC	Variable Exhaust valve Closing
VEO	Variable Exhaust valve Opening
VIT	Variable Injection Timing
WECS-9520	WinGD Engine Control System 9520

Short form	Full form, meaning
WHR	Waste Heat Recovery
WiCE	WinGD Integrated Control Electronics
WinGD	Winterthur Gas & Diesel Ltd.
WLL	Work Load Limit