



Doeve Brokers/Valuars vof Sworn & EMCI Certificated Brokers & Valuers S&P Yachts & Ships

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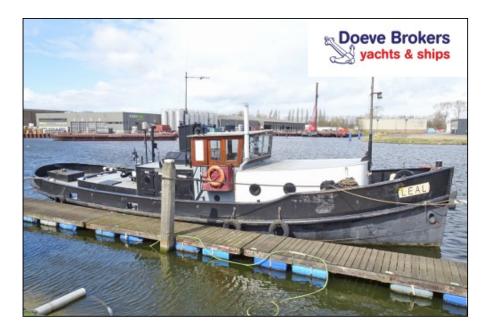
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# Tugboat 19.45 with TRIWV

Dimensions (m)	19.45 x 5.05 x 2.00	Ref. no.	220406
Mooring	Near Amsterdam, Netherlands	Year	1942
		Material	steel

#### **Vision Doeve Brokers**

Tugboat built at Shipyard Fikkers in NL-Foxhol. Equipped with a real MAK ships diesel. This boat is currently still certified as a professional ship for the inland EU waters. If a buyer would still like to use it as such, that is of course possible. We offer her for recreational use. It is a simple interior that needs work on many points, but which certainly has a lot of potential. There is decent headroom in the deckhouse. We think that she is a great hobby project for the handy man, but it might also be an interesting boat for a scouting group.

## General information

Yard:	Shipyard T.H. Fikkers, NL-Foxhol
Hull shape:	round bottom
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	riveted
	new steel is welded
	rubbing strake around
	bulwark around
	forward deckhouse
	aft cabin below
	wide side decks (gunnels)
	3 watertight bulkhead(s)
Steering system:	hydraulic
e to e t	wheel
Windows:	portholes
	2 hardwood outside doors
Displacement (approx.):	maximum allowable displacement 91,637 m3
Displacement (approx.).	displacement in empty condition 79,586 m3
	displacement 12,051 m3
Ballast (approx.):	no ballast
Owner:	Dutch owner
Registration:	Dutch registered B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Doint System	black hull
Colour / Paint System:	
	black bulwark
	white superstructure
	see photographs
	overdue maintenance
	last underwatership treatment 09-2017
Certificates:	inland waterways certificated (TRIWV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
	valid until: 09-2024
Suitable for / as:	tug
	commercial shipping
	recreational vessel
	suitable for bigger waterways
General information:	offered in the condition that she is in
Additional information:	tug bitts
	towing hook
	The techniques used on board are commercial shipping quality.
	classic lines
	forepeak

### **Technical information**

Enginepower:	240 Hp
	176 kW
Engine brand:	MAK
Revolutions:	500 RPM
Engine model:	MS 36 air started
Number of cylinders:	6
Construction year engine:	1953
Running hours (approx.):	unknown
Fuel:	diesel
Fuel tank (approx.):	10000 litre
	2 steel tank(s)
	1 daytank(s)
Cooling system:	direct cooling system
	dry exhaust
Propulsion:	3 blade propeller
	greased lubrication of propeller shaft
Gearbox:	mechanical
Heating:	Heatpol stove heater
	on diesel
	stainless steel
Electricity system:	simple electric system
	12 / 24 / 230 Volt
Batteries:	starter batterie(s) generator
	domestic batterie(s)
Battery charger:	present
Genny:	diesel
	230 Volt
	3 kW
	1500 RPM
Fresh water tank (approx.):	2000 litre
	1 steel tank(s)
Water pressure system:	electric water pump
Hot water system:	Close in boiler/water calorifier (230 Volt)
Engineroom:	overdue maintenance
	see photographs
Bilge pump:	present
Additional information:	air bottle
	air compressor
	auxiliary diesel engine

Accommodation	
Interior:	simple interior
	see photographs
Insulation:	no

Our offer is not binding. Provided information is deemed to be correct but is not guaranteed. The Hiswa General Conditions For Mediation Vessels of the Hiswa Association are apply. Registered at the clerk of the districts court's office in Amsterdam.

Cabins:	2 cabins
Berth:	Forward: 1x 2-pers & 1x 1-pers
	Aft: 2x 1-pers
Lay-out plan (not to scale):	see attachment
Toilet / Heads:	above water toilet
Galley:	sideways
Microwave:	present
Worktop:	stainless steel worktop
Washbasin:	stainless steel sink
Water tap:	hot & cold running water
Headroom (approx.):	forward (approx.) 2,08 m
	forward cabin (approx.) 2,42 m
	wheelhouse (approx.) 1,87 m
	aftcabin (approx.) 1,75 m

## Navigation equipment

Navigation equipment:	Seafarer 500 depth / echosounder
	Sailor RT144 VHF
	Debeg 6410 VHF
	rudder indicator
	compass
	True Heading Carbon Pro Automatic Identification System (AIS)
	navigation lights
	window wiper

Rigging and sails	
Mast:	lantern mast
	aluminium
Lowerable:	yes
	manual

## Equipment

Anchor equipment:	manual anchor winch with motor
	Klipp anchor
	anchor chain
	in hawse-hole
Davits:	davits
Safety:	life buoys
	fire extinguishers
	life jackets
	according to the certification requirements
Additional information:	Survey report of the underwatership is available 09-2017

