



FKAB T24

21 500 m³ Chemical and Oil Product Tanker

GENERAL

The FKAB T24-series are 21 000 m³ tankers for Chemicals (IMO II) and Oil Products, they are designed for low fuel consumption and high cargo capacity in an ECA area trade. The hull form is designed for good performance in harsh weather conditions.

FKAB T24A - Slightly longer, narrower and deeper for optimum fuel economy

FKAB T24B - Shorter, wider and low draught

FKAB T24C - Canal restrictions and less draught

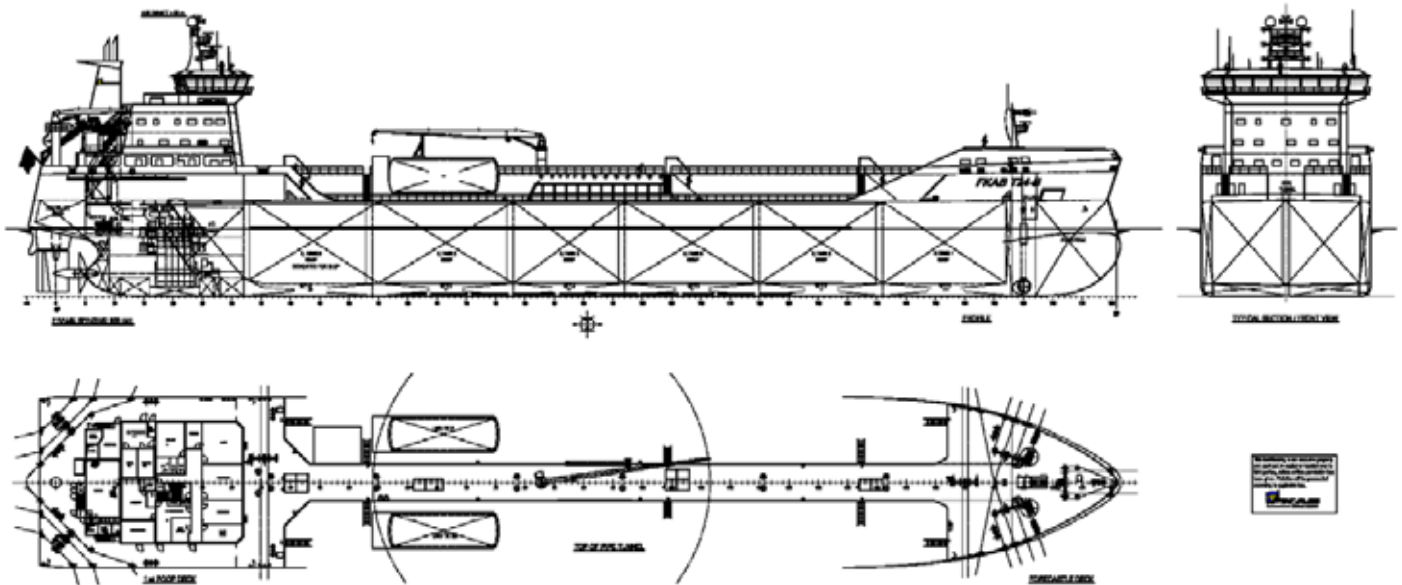
The difference lies only in the main particulars, your trade will choose version. The complete cargo piping system in stainless steel and the cargo tanks coated with MarineLine.

Six cargo segregations are possible and give also a possibility to carry heavy chemicals of a density up to 1.54 tonnes/m³.

The vessel is equipped with a low speed engine with low fuel oil consumption allowing a large propeller with high propulsion efficiency.

Main fuel is LNG with fuel tanks on deck and MGO as backup and pilot-fuel. The tanker is however designed to be additionally equipped for using FO, both as main fuel or only as pilot fuel.

The vessel is designed for good ice performance with Finnish/Swedish Ice Class 1A. Fitted with a retractable bow thruster for maneuverability and "Take me home" propulsion.



MAIN PARTICULARS

Length Over All	154.0 m	CP propeller	ø 5.8 m
Length between PP	149.5 m	Main Engine	5 000 kW
Breadth moulded	22.8 m	Auxiliary Engines	3 x 750 kW
Breadth max	23.0 m	Shaft generator	1000kW
Depth moulded	12.8 m	Thermal oil boilers	2 x 2 900 kW
Draught design	8.8 m	Bow thruster	1 000 kW
Cargo tanks about	21 500 m ³	Cargo pumps	12 x 330 m ³ /h
Deadweight at design draught, 9.1 m	17 000 Tonnes	Ballast pumps	2 x 500 m ³ /h
Loading rate	1 200 m ³ /h	Accommodation	17 persons
Discharging rate	2 000 m ³ /h	Speed at 8.8 m and 59 % MCR	13.0 knots
LNG tanks about	2 x 200m ³	Gas propulsion	10.0 ton LNG/day, 1.6 ton Pilot oil/day
MGO/FO tanks about	400 m ³	Gross Tonnage/ Net Tonnage	T.B.N
Technical FW tanks about	350 m ³	Energy Efficiency Design Index	7.0
FW tanks about	50 m ³		
Water Ballast tanks about	7 700 m ³		

CLASS

DNV + 1A1 Tanker for Oil Products/ Chemicals, ESP, GAS FUELLED, ICE 1A, EO, HL (1,54), TMON, BIS, NAUT-AW, CLEAN, INERT, AP-2 (20 %), ETC, LCS-DC, VCS-2, BWM-T, COMF C(3), COMF V(3).