

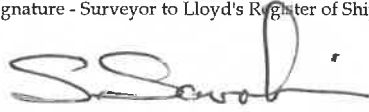
LR Office Turku/Abo	Certificate number ABO 9800313/2
Manufacturer Wärtsilä NSD Finland Oy, Vaasa	Date 9 Apr 1998
Client (if different from above) -	Work's order number C3431
	Licensor (if applicable) -
	Intended for Kvaerner Govan, NB 317
First date of inspection 6 March 1998	Final date of inspection 31 March 1998

This certificate is issued to the above Client to certify that the main /-auxiliary* oil engine, particulars of which are given below, has been constructed under survey in accordance with LR's Rules and Regulations.

The materials and workmanship are good and the engine will be accepted for fitting in a ship classed or intended to be classed with LR subject to satisfactory installation under the usual conditions of survey and testing and, where required by the Rules, to approval of the vibration characteristics.

PARTICULARS	
Engine serial number 8485	
Manufacturer's designation WÄRTSILÄ VASA 6R32E TYPE ENGINE	
Engine type <input type="checkbox"/> 2 S.C. <input checked="" type="checkbox"/> 4 S.C. <input checked="" type="checkbox"/> IN-LINE <input type="checkbox"/> VEE	
Number of cylinders Six	
Diameter of cylinders 320 mm	
Stroke 350 mm	
Shaft power (continuous rating) kW at rev/min 2460 kW/750 rpm	

IDENTIFICATION MARKS	
Identification number (including office contraction code and location of stamp) LR ABO 9800313 Engine Block	
Engine serial number 8485	Initials and date LR 13.03.98
Crankshaft LR KOB 9733469 CP 19-NOV.-97 W70376-D-1R	

Remarks	Signature - Surveyor to Lloyd's Register of Shipping  S. Savolainen
---------	--

* Delete as appropriate

NOTICE: This certificate is subject to the terms and conditions overleaf, which form part of this certificate.