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Description of the engine 4.1. Wärtsilä Vasa 32 D & E Engine block The engine block, made of Meehanite cast iron (GD-J), is cast in one piece for all cylinder numbers. It incorporates the jacket water manifold, the camshaft bearing housings and the charge air receiver.

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this engine.

**18V32LN**

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**PAAE023375,**

**PAAE023376 173456**

Engine type W8L20 C3

Engine number

PAAE206695 Project

NEGRA HIPOLITA This

manual is intended for

the personal use of

engine operators and

should always be at

their disposal. The

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shall neither be copied

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Finland Oy Vaasa

Factory Tarhaajantie 2,

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FIN-65101 Vaasa,  
Finland

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HIPOLITA ...**

Wärtsilä 32. The  
Wärtsilä 32 was  
developed in response  
to a need in the market  
for a new engine in the  
320 mm cylinder bore  
class and since 1998  
more than 2500 of  
these engines have  
been sold to the

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marine market, in total more than 4500 Wärtsilä 32 bore engines have been delivered to the marine market since the 1980s.

## **Wärtsilä 32 - diesel engine - Wartsila.com**

Wärtsilä 46F. Best-in-class fuel economy & outstanding power-to-weight as well as power-to-space ratios .  
The technologically

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advanced Wärtsilä 46F can be run on either heavy fuel oil (HFO), marine diesel oil (MDO), or on light diesel when being operated within strict coastal or port emissions areas.

## **Wärtsilä 46F - diesel engine - Wartsila.com**

Engine LE1\* LE1 LE2  
LE3\* LE3 LE4 LE5\* LE5  
HE1 HE3 6L46DF 8670  
8953 6170 1520 - 460

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292 699 3255 1430  
7L46DF 9635 9773  
6990 1520 - 460 292  
699 3255 1430 8L46DF  
10310 10593 7810  
1520 1883 460 292  
658 3445 1430 9L46DF  
11130 11413 8630  
1520 1883 460 292  
658 3445 1430 Engine  
HE4 HE5 HE6 WE1 WE2  
WE3 WE5 WE6  
Weight[ton]

## **Wärtsilä 46DF**

Page 22 Capacity of  
engine driven pump,  
*Page 15/25*

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nom. m<sup>3</sup>/h Pressure drop over charge air cooler (one-stage) Pressure drop over charge air cooler (two-stage) Pressure drop over oil cooler Pressure drop in external system, max. Wärtsilä 31 Product Guide - a1 - 18 October 2016...

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A lot can happen over  
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the 25 years of an engine's lifetime. Fuel prices fluctuate, environmental regulations tighten, and business requirements evolve. That's why you should let Wärtsilä check to see if your engine is still meeting the needs of your business. Often, we find that there is usually a way to enhance the value of your asset.

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## **PRODUCT CATALOGUE - Wärtsilä**

Description of the  
Engine Description of  
the Engine Definitions  
Fig 4-1 In-line engine  
and V-engine  
definitions (1V93C0029  
/ 1V93C0028) Main  
components and  
systems The  
dimensions and  
weights of engines are  
shown in section 1.5  
Dimensions and  
weights . 4.2.1 Engine

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block The engine block, made of nodular cast iron, is cast in one piece for all ...

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4. Description of the engine  
4.1. Wärtsilä Vasa 32 D & E Engine block  
The engine block, made of Meehanite cast iron (GD-J), is cast in one piece for all

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cylinder numbers. It incorporates the jacket water manifold, the camshaft bearing housings and the charge air receiver. In V-engines the charge air receiver is located between the cylinder banks.

## **Wartsila Vasa 32 Project Guide [relj9jgex7n1]**

A.1.1 DIESEL ENGINE 3  
Diesel engines Wartsila  
Vasa 18V32. The engine

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is four stroke, direct injected, turbocharged and intercooled design. Configuration Vee form  
Number of cylinders 18  
Cylinder bore 320 mm  
Stroke 350 mm Speed 720 rpm Mean piston speed 8.4 m/s  
Compression ration 13.8:1 Mean effective pressure 21.3 bar  
Swept volume per cylinder 28 ...

**TECHNICAL  
SPECIFICATION FOR**

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## **3 SETS VASA 18V32 HEAVY FUEL ...**

wartsila diesel - gas  
industrial & marine  
generator & genset  
power plant 1 mw to  
250 megawatt --

wartsila marine diesel  
engines Return to Main  
Menu ASK EVERYTHING  
ABOUT SECOND HAND  
USED & RECONDITION  
& BRAND NEW OEM  
SPARE PARTS or  
COMPLETE MARINE &  
INDUSTRIAL & DIESEL  
& GAS ENGINE -

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GENERATOR & GENSET  
& POWER PLANT FOR  
WARTSILA to info ...

## **WARTSILA ENGINES & WARTSILA SPARE PARTS & WARTSILA DIESEL ...**

Wärtsilä is the second largest diesel engine company in the world. Wärtsilä released the Vasa engine series in 1977 and remained in production until 2010. These popular medium speed diesels were

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produced in Vasa, Finland; hence their name, Vasa. The lead designer of the first engine was Wilmer Wahlstedt. The series comprises three models, the Vasa 22, 32, and 46, with the number denoting ...

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