



ZF SD15 seminar Questions & Answers (Q&A)

Sail Drive SD15 | Marine & Special Driveline Technology | Industrial Technology



SD 15 Online Seminar, 14. and 15.07.2021

Question / Answer

Is the fiber glas engine belt included in the ZF scope of supply?

The engine bed is not included in the ZF scope of supply. The engine bed is mostly driven by the engine choice, it has to be chosen considering the whole powerpack. Our local ZF distributor can provide you with all the information you need on how to implement the engine bed.

Do you supply modification kits from Volvo saildrive beds to ZF?

We don't have an "upgrade" kit available, but our local ZF distributor can provide you with all the information on the modifications required.

We have an engine that is 144hp @ 3700rpm, which is slightly higher than your maximum rating for the SD15. Is there any possibility to increase the max RPM?

For special approval outside the official rating, please contact your local ZF dealer.

Is the electric version available for sale?

The electric SD15 is not on sale yet.



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Question / Answer

Since there is a lot of talk recently about electricity, what can you say about the compatibility of SD15 with electric motors?

We know that there is significant interest around electrification. We are developing a special version of our Sail Drives to be directly connected to the electric motor.

Which propellers are compatible with SD15? Are these included in the ZF scope of supply.

Propellers are not included in the ZF scope of supply. In principle every propeller (fixed, foldable, feathering blades) can be used. Please contact your local ZF dealer, they can suggest propeller brands and types that are already in use in the application and in the field.

Which control systems are compatible with the Saildrive?

The SD15 is equipped with an electrical distributor (12V or 24V), so every control system, that can handle on/off of the ahead and astern valves, can be used. Please contact your local ZF dealer, they can suggest a ZF control system for your application.



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Are SD15 available in the US?

Yes, SD15 can be sold by any ZF marine distributor worldwide

Concerning the internal brake, what happens in case of fixed blade prop?

The integrated negative brake can be excluded on the drive in case the output shaft has to freely spinning with engine off. The procedure is described in the user manual, it takes few minutes without the use of special tools.

What is involved in adjusting the Seal position?

The output shaft seal will be moved by the ZF technician during the maintenance with a dedicated tool.

How about the time between overhauls?

Suggested main maintenance steps can be found in the user manual. Major ones are suggested after 7 years and at 12.000 working hours.



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Can the oil be removed without lifting the boat?

Yes. The oil can be pumped out from the top of the saildrive.

Which oil is used and what is the change interval?

ATF oil, the list of compatible brands can be found in the ZF List of lubricants TE-ML 04. Suggested oil intervals can be found in the user manual, every 500 working hours or once a year.

Should the customer go for repairs and maintenance to the engine dealer or to ZF dealer?

The SD15 is a ZF branded product so you need to ask the support of a ZF dealer.



Thank you

