Article published on January 23rd 2012 | Advertising

You have to keep in mind few factors that make the boat prop best. . They are such as size, the number of blades, the material, the rpm at WOT or wide open throttle and the reason of the use of the boat is put into.

The size of the boat is the most important factor while you choose the boat prop. If the prop does not fit with the boat properly, there are high chances of damage occurring to your boat and its engine which in turn will damage the aeration and the cavitations of the boat. The pitch of the boat prop along with it diameter will give you an indication about its size. The boat can gain a higher acceleration if the boat prop has a higher diameter.

There are several types of blades a boat prop is available in. It can be of three to five bladed ones. The racing boats will always go with the 3 blade ones as it gives them high top end velocity. While buying the props, check whether it is cupped or not. Cupping is nothing but the curves present at the edges of the blades. It allows the ship to turn sharply in no time at all and also minimizes the problems related to aeration. You should also consider the rake of the blade before buying it.

Another important factor to consider while buying the boat prop is the material that it is made up of. While both aluminum and steel varieties are available in the market, both have their own benefits and shortcomings. While the aluminum varieties are cheaper, they tend are damaged easily to collision or corrode by salt water. The stainless steel ones are more durable but are more expensive and damage the engine on a hard collision.

Article Source:
http://www.articleside.com/advertising-articles/tips-for-selecting-the-best-boat-prop-for-you.htm - Article Side

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For more information on a boat props, check out the info available online; these will help you learn to find the a boat prop!

Article Keywords:
boat prop

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