

# How to get Vespe<sup>l</sup>® CR-6100 in a new pump?

## Just Ask

### Frequently Asked Question:

"Are the OEMs using [Vespe<sup>l</sup>® CR-6100](#)?" is a question we hear every month. The answer is definitely, "yes." All of the major API pump manufacturers use Vespe<sup>l</sup>® CR-6100 for both new pumps and aftermarket upgrades.

A related question: "If Vespe<sup>l</sup>® CR-6100 is so great, why don't the OEMs include it as a standard material?"

To answer that, we need to look at how pumps are usually purchased...

Most pumps are sold into projects. The EPC contractor generally selects the pump with the lowest price which meets the bid specification. Therefore, if the bid spec allows bronze or cast iron [wear rings](#), the OEM will probably quote bronze or cast iron because they are the cheapest materials. These materials might result in a higher life cycle cost, but procurement personnel will not care if their decision is driven by the initial price.

### Put it in the Bid Spec

If you want to maximize your [pump reliability](#) and [efficiency](#), specify Vespe<sup>l</sup>® CR-6100 for the stationary wear components in your next project. When it is part of the specification, the OEMs are happy to quote and supply Vespe<sup>l</sup>® CR-6100.

If your company does not allow using brand names in the project specification, you can use the generic description for Vespe<sup>l</sup>® CR-6100 from API610, Table H.3: *PFA/CF reinforced composite, 20% mass fraction random X-Y oriented carbon fiber*. For clarity, you can add the note "one example of which is DuPont™ Vespe<sup>l</sup>® CR-6100."

### Direct Questions to Boulden

If there are any questions from the Project Engineer, EPC contractor, or OEM, please ask them to [contact Boulden](#). We will be happy to answer any questions they have and make sure that the Vespe<sup>l</sup>® CR-6100 is used correctly throughout the project.

In short, if you want Vespe<sup>l</sup>® CR-6100 [wear rings](#), [vertical pump shaft bearings](#), or [throttle bushings](#) in your new pumps, all you have to do is ask--i.e. spell it out in the bid spec. Until next time, if you need any material for your pumps, we have a wide range of sizes [in stock](#) and ready for immediate shipment.

### Helpful Links:

[Boulden Installation Guide for Vespe<sup>l</sup>® CR-6100](#)

[Standard Stock Sizes of Vespe<sup>l</sup>® CR-6100](#)

[Vespe<sup>l</sup>® CR-6100 Product Data Sheet](#)

[Vespe<sup>l</sup>® CR-6100 Machining Guide](#)

[2MW Boiler Feed Pump Case Study](#)

[Amine Stripping Pump Case Study](#)