

Thu, 22 Dec 2011

4:59 AM

Why You Need Rubber O Rings and Seal Systems for Your Large Scale Machinery

When it comes to large scale machinery, you must have

seal systems in order for it to function properly. If you do not have this type of system in place, you can have a major disaster on your hands.

Rubber o-rings are essential to this sealing system as it helps keep the your systems working properly at all times. A good sealing system for your equipment depends on this part in order to work to its full potential.

When it comes time to either install or replace seal systems for your equipment, you will find that they are not all that expensive to buy. So, when the time comes to fix this sealing problem you have with your machinery, you will not have to worry about the financial aspect of it. Sometimes, though, all that needs to be replaced is the sealing ring. You can buy rubber O rings for even cheaper than you can the whole sealing system. Since they are so cheap, you may want to keep these on hand just in case anything should happen and you have a leak caused by a faulty seal.

If you are in need of replacing seal systems on your manufacturing equipment, you can find the parts you need from major manufacturers. Of course, you can also buy what you need online if it is not an emergency situation and you just want to buy it to have on hand for the future. The same can be said for rubber O rings as well. You can buy these in multiple amounts and can even get them by bulk if you are so inclined to get that many. Of course, that comes in handy if you manage and operate a manufacturing complex.

seal systems and rubber O rings, you want to be sure you are getting the quality of item that you need. For personal home use, regular ones are fine. However, if you own a business, you will want to get the tougher, commercial grade items that can withstand heavy and constant use. Whichever type you need,

just be sure to get the best value for your dollar. You do not want to overpay for something that is not worth the price.

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Wed, 25 Jan 2012

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O-rings Design for aftermarket A Complicated Captive Audience

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<div
style="text-align: justify;">
<a
href="http://www.real-seal.com/"
title="O-rings">

</a>
<span
style="line-height: 115%; font-family: &quot;;font-size:100%;&quot;;">In
many core industries, global competition has created a scenario
where many mainstream OEM's are literally breaking even on their
production products, and designing customized designs for
components so that they can control a more profitable
aftermarket.</span>
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<p
style="text-align: justify;"
class="MsoNormal">
<span
style="line-height: 115%; font-family: &quot;;font-size:100%;&quot;;">Design
engineers who could easily design standard nuts, bolts, washers,
<b
style="">
<a
title="O-rings"
href="http://www.real-seal.com/">O-rings</a>,</b> and other
standard
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<a
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title="seal systems"

href="http://www.real-seal.com/">seal systems

 are instead being directed to create unique, customized components for their products so that customers are "slaved" to the OEM when maintenance is replacements parts are required. Since the industrial marketplace is becoming more fragmented, there isn't enough volume of product for manufacturers of component parts to develop tooling to compete with the OEM for the aftermarket. This gives the product OEM the leverage to charge exorbitant prices for their custom aftermarket products with minimal competition. Industries like automotive systems, hydraulics, pneumatics, pumps, heavy equipment, and valve systems are creating unique designs for components as a regular practice, as the majority of margins are realized in aftermarket sales. In many cases, OEM's are actually selling production product at margins as low as 2% in order to command the aftermarket business!

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<p

style="text-align: justify;"

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<span

style="line-height: 115%; font-family: ";font-size:100%;";">In most cases, the OEM customer does not understand why the prices are so high, and why they cannot simply purchase their spare parts needs from local, trusted sources. We have all experienced the "sticker shock" of purchasing replacement ink or toner cartridges for our printers, and the industrial marketplace is quickly following suit.

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<span

style="line-height: 115%; font-family: ";font-size:100%;";">Since most OEM's are cumbersome to deal with, aftermarket "kit packagers" have taken over much of the aftermarket business. The OEM's have pushed the "custom" design components in order to thwart the kit packagers' ability to cut into their aftermarket share. Kit packagers normally have to purchase a complete OEM machine in order to reverse engineer the individual components, so when they find they cannot source the components with standard product and available tooling, it raises the threshold for their costs, and makes it more difficult to compete. To complicate matters further, OEM's are specifying unique colors, material specifications, and even specific part number identification on

the surface of the aftermarket part. Although these tactics may make it more difficult for aftermarket copycats to produce conforming parts, it also complicates the sourcing for the OEM.

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<span

style="line-height: 115%; font-family: ";font-size:100%;";">Twenty-first

century, high tech approaches are also being tested. Much like

software and other high tech products, some OEM's are

experimenting with hologram imbedded images and/or tiny

identification chips to authenticate their aftermarket products.

As the cost associated with this sort of identification continues

to go down, and as production techniques allow for more complex

means of modifying finished products, the battle will

continue.

</p>

<p>

<span

style="line-height: 115%; font-family: ";font-size:100%;";">When

it comes to rubber and plastics seal products and mechanical

components, you need a company with a long history of providing

conformance to customer specification. Find one that is adaptable

to customer requirements, and pragmatic enough to make these

adaptations without undue cost, with engineering support services

that can offer alternative tooling and production methods that

will meet your objectives competitively.

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O-rings â?? Design for aftermarket â?? A Complicated Captive Audience

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