

# Learn how industries are lowering their costs by applying the correct lubrication

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Adopting good practices in machine lubrication is essential to ensure an efficient operation. The good news is that these actions go beyond contributing to longer life of the equipment and its components as they also promote maintenance cost savings.

In this post, we will explain the importance of correct lubrication, some recommended good practices for this routine and how to achieve cost reduction (also called savings) in this area.

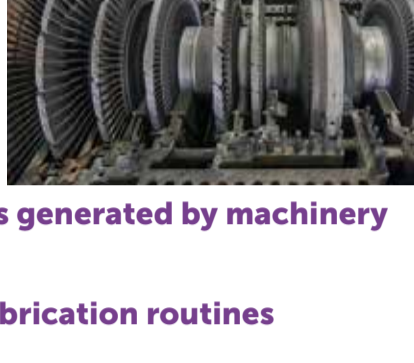


## Understanding the importance of correct lubrication for industrial machines

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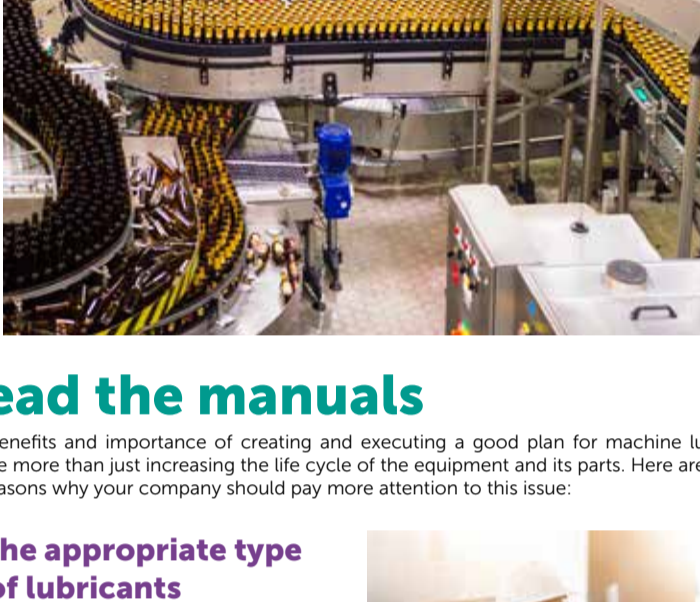
The benefits and importance of creating and executing a good plan for machine lubrication involve more than just increasing the life cycle of the equipment and its parts. Here are some of the reasons why your company should pay more attention to this issue:

- maximization of machine availability
- lower risk of failures and unscheduled downtime
- increased operational efficiency
- reduction of total costs generated by machinery maintenance
- greater control over lubrication routines



## Learn about good practices for machine lubrication

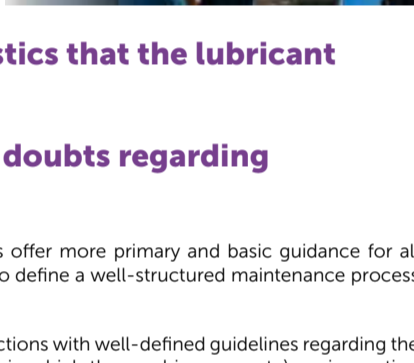
In order to ensure a good lubrication routine and achieve the expected results, you can rely on good market practices. In the following topics, we will show you the main ones.



### Read the manuals

The benefits and importance of creating and executing a good plan for machine lubrication involve more than just increasing the life cycle of the equipment and its parts. Here are some of the reasons why your company should pay more attention to this issue:

- the appropriate type of lubricants
- the adequate intervals for lubrication
- the approved lubricant manufacturers
- the technical characteristics that the lubricant or grease must have
- who to turn to in case of doubts regarding the manufacturer



However, it is worth noting that these manuals offer more primary and basic guidance for all operations. Therefore, it is of utmost importance to define a well-structured maintenance process that still contributes to generating savings.

In this case, you want to plan proper work instructions with well-defined guidelines regarding the appropriate interval (considering the conditions in which the machines operate), an inspection checklist, and the equipment that should be used, for example.

### Defining a standard procedure for maintenance

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The second good practice is to create your own procedure to regulate and structure the entire annual maintenance plan. This should be done considering the manufacturer's recommendations, as well as the needs and actual conditions of your company.

This preventive plan needs to be well documented and structured in the internal process. This way, you can allocate resources (for example, financial resources or employees) so that the maintenance routine occurs on the scheduled date and that, above all, the machines are up to date with lubrication.

### Creating a dedicated team for the lubrication routine

You need to have a dedicated team to perform the lubrication routines because this process often demands extra care. This happens because the working conditions and environments in which the machine operates are not always the same as the ones specified by the manufacturer of the equipment. In other words, the manufacturer's manuals present actions as A, B, and C steps. However, the document was prepared assuming perfect working conditions for the equipment, with no interference from structures and external factors. On the other hand, in a more realistic scenario, if the equipment is working in harsh or degrading conditions, the dedicated lubrication team must take factors into account and plan every safety actions for the lubrication. Thus, if the manual indicates that lubrication should be done every 500 hours, it may be necessary to do it every 350 hours, given the severe conditions.

### 5 good practices for industrial equipment lubrication

#### Work with a top manufacturer

Another good practice to ensure good machine lubrication is to partner with a top-notch supplier. This involves global, reputable companies that offer high-quality products, as well as good technical support.

Their support needs to be effective, so that your company can count on an expert partner. With reliable support, the lubrication team will have assistance for every need concerning lubricants.

#### Carrying out preventive lubricant tests

Another essential aspect is performing preventive lubricant tests, which involves oil analysis. It should be done as a form of prevention, in order to monitor the performance of the machine and the lubricant (to check their expected performance).



In addition, these tests are also useful to assess if all this contributes to maximum life of the equipment and to savings in corrective maintenance costs (incurred when the machine breaks down). Achieving this goal means savings on lubrication.

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#### Attention to trends

Finally, another good practice is to pay attention to new product and application trends. When acting as a consultant in this area, the supplier can be a good source of information about new products and new applications, which helps reduce costs for the company.

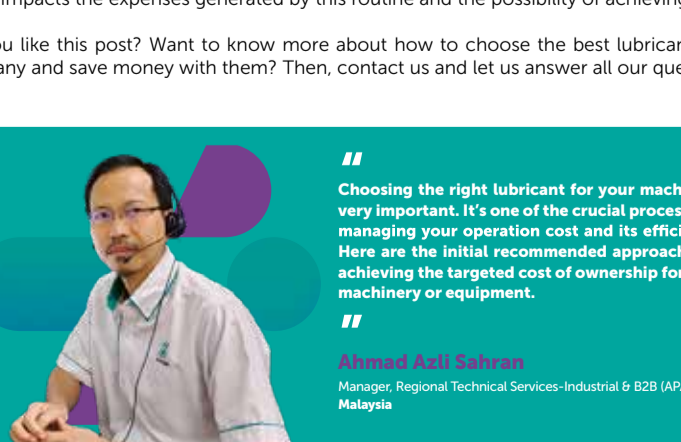
Thus, this partner can offer multiple solutions for field tests – with a focus on cost reduction, which can be achieved either by paying less for the product or by paying a little more for an item that offers greater durability for the equipment (making the cost per liter cheaper).

### How can correct lubrication generate cost reduction in plants?

The process of machine lubrication leads to savings, and helps to avoid corrective maintenance, which arises from problems with the machine and brings unplanned expenses resulting from these failures.

You can also save money by adopting a more premium and robust product, which helps extending the life of the equipment (and its components) with its performance. This means that the machine has a higher performance by same amount of product.

Thus, in the end, less is spent, since production increases but generates a lower cost (promoting a reduction in operating expenses). All the good practices mentioned above lead to these objectives.



### Learn why the choice of lubricant is fundamental

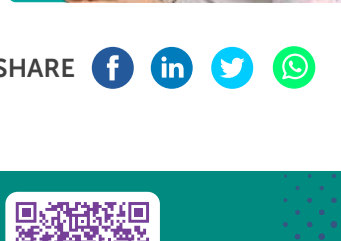
Choosing a quality lubricant, in addition to promoting an increase in the service life of the equipment and its parts, allows longer and better operation and contributes to the reduction of operating costs, as mentioned above.

This is directly associated to the choice of supplier, which provides higher quality products and also acts as consultant regarding the most appropriate solution for the needs and conditions of the company.

Thus, ideally, you should choose a partner that not only provides products but also plays an essential part in customer service and technical support for your company. Also, be sure to work with a global company with a good reputation and that works with the latest technology.

As you can see, machine lubrication has a direct impact on more than just operational efficiency. It also impacts the expenses generated by this routine and the possibility of achieving savings.

Did you like this post? Want to know more about how to choose the best lubricants for your company and save money with them? Then, contact us and let us answer all our questions!



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Choosing the right lubricant for your machine is very important. It's one of the crucial processes in managing your operation cost and its efficiency. Here are the initial recommended approaches in achieving the targeted cost of ownership for your machinery or equipment.  
”

**Ahmad Azli Sahran**  
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