

Issue Focus: Lubricant Selection

TIP #1

It is a good idea to not use extreme pressure additives if they are not required. EP additives are typically pro-oxidants. (They shorten the oil's life.) They can also be slightly corrosive to certain metals, especially at elevated temperatures.



TIP #2

Consider reviewing the volume and types of lubricants being purchased to answer the following questions:

- Does high throughput indicate excessive leakage or consumption?
- Are we using proper package styles (drum, bulk, etc.)?
- Are we using proper storage, handling and application procedures?
- Can we consolidate lubricants?
- Are the proper lubricants recommended?
- Can we take advantage of quantity discounts?

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TIP #3

Some of the disadvantages of using grease instead of oil are:

- Grease does not carry away heat
 - Grease needs larger bearing clearances
 - Grease is not easily circulated or filtered
 - Grease is difficult to purge completely
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TIP #4

A multi-grade oil can provide easier cold starting than a single-grade oil because the multi-grade is thinner than a single-grade at cold temperatures and flows more quickly to engine parts.

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TIP #5

Increased noise, vibration, temperature and wear are some of the effects of using a gear oil with a viscosity that is too low