

# TECH TIPS

# EXTENDED OIL DRAIN INTERVALS

## New oils perform better and last longer.

Tough emission standards and advancements in engine design have led engine manufacturers to request new classes of oil with properties better suited to these highly efficient modern diesel engines.

### New Oils Last Longer

Two new classes of oil have been developed with improved oxidation stability to prevent oil breakdown, thickening and deposits. These new oils also provide better wear protection for enhanced engine longevity.

**CK-4** – backward compatible replacement for CJ-4

**FA-4** – lighter, easier to pump for improved fuel economy in 2017 engines and beyond

### Extended Drain Intervals

The trend toward extended service intervals started when the first synthetic oils were introduced. Today, some equipment operators choose to ignore recommended service intervals all together and wait to change their oil until test analysis tells them that the additive package has been depleted.

The advantages of extending drain intervals are very attractive:

- Lower service costs
- Less downtime
- More equipment productivity

### Extended Life Filters for Extended Life Oil

When extending service intervals, it is important to use a filter that will last as long as the oil. Today's engine components must be kept much cleaner than in the past.

Modern filters are highly efficient, meaning they do a better job catching contaminants. The demands placed on these filters are even tougher when operators go longer between oil drains. Filters must catch more and hold more without compromising flow.



### Best Practices

While new oils and advanced filtration may allow less frequent drain intervals, it is still important to follow your engine manufacturer's recommended service intervals and to send your oil out for analysis on a regular basis. Depleted oil may not provide adequate protection. In addition, premature parts failure may be avoided if wear particles are detected in the oil, alerting maintenance personnel before real damage is done.

### RECOMMENDED SERVICE INTERVALS FOR CUMMINS ENGINES

<b>Light Duty</b>	> 7 mpg (3 km/L)	Replace every 35,000 miles (56,000 km)
<b>Medium Duty</b>	6-7 mpg (2.5 - 3 km/L)	Replace every 25,000 miles (40,000 km)
<b>Heavy Duty</b>	< 6 mpg (2.5 km/L)	Replace every 15,000 miles (24,000 km)

Refer to engine owner's manual. Always follow OE recommended oil grade and oil change intervals

Carquest provides single source coverage for on-highway and off-highway fleets. Carquest filters are designed and manufactured by Baldwin Filters®, America's leading heavy duty filter company for over 80 years.

For more information, contact your Commercial Account Manager.  
For customer assistance and technical support call 1-877-280-5965.  
Order online at [www.AdvanceCommercial.com](http://www.AdvanceCommercial.com)

