

*Every year over 100 million pounds of 5th wheel grease is lost in use from trucking industry!*



This graphic illustrates truck travel on the National Highway System. Thicker red lines indicate the greatest amount of truck traffic and are indicative of the amount of water supply contamination from 5th wheel grease.

## **The Problem**

There are approximately 2 million 5th wheel trucks<sup>2</sup> currently in the United States. The 5th wheel plate of each one must be greased frequently to ensure proper maneuverability, sometimes as often as once per day. Most trucks use grease which is derived from reclaimed petroleum oil blended with heavy metals and other additives.

- During the course of normal operation petroleum is lost in use from 5th wheel trucks
- Extreme pressure additives used to increase lubricity can contain heavy metals that cause additional contamination of the water supply

**Every 4 years the same amount of oil that was lost in the Exxon Valdez spill is lost in use to the environment, which could enter the water supply**



## **A New Alternative**

Our **5th Wheel BioBased Grease** is a biodegradable lubricant for all sliding surfaces.

- 94% BioBased content
- Cost competitive with petroleum lubricants
- Non-toxic and biodegrades rapidly resulting in little impact on water supply and environment
- Excellent performance characteristics and superior stability on sliding surfaces
- Out performs existing products in product testing done by independent labs
- Main ingredient is derived from soybean oil
- Takes advantage of four fold lubricity characteristics of soy oil over petroleum
- Soy oil has strong adhesion to metal surfaces
- Qualifies for preferred purchase in agencies requiring products with BioBased content, including the Federal Government Preferred Purchasing Requirements



**Creative Composites, Ltd**  
Committed to creating new technologies

**The Right Grease For Your Environment™**

1) <http://www.heavydutytrucking.com/2003/07/068a0307.asp>  
2) <http://www.truckinfo.net/trucking/stats.html>