



# HEWITT INDUSTRIES

Manufacturers of Fine Instruments and Engine Controls

## **Hewitt Industries' Diesel Idle Control Gauge will help Reduce Daily Diesel Fuel Consumption by more than \$3 Billion per and Significantly Reduce Emissions**

### **Technology Compliant with 2016 EPA Regulations**

October 16, 2017 – (Huntington Beach, CA) Today, Hewitt Industries announced the launch of their newest product, 193-100-2 Engine Idle Limiter. The unit was invented specifically to reduce the environmental and financial impact that commercial fleets experience when idling a diesel engine. About 6% of the daily fuels use can be attributed to idling, which equates to over \$3 billion per year in fuel costs. The contributions of CO and THC are especially disproportionate at 12% (normal run time) and 27% (idling).

(<http://www.in.gov/idem/prevention/2372.htm>)

“Diesel combustion at idle conditions has a high proportion of premixed combustion. This premixed burn is fuel rich and local fuel-air equivalence ratios can be as high as 4. Such rich conditions would produce significant amounts of CO. Also, over-lean conditions at the periphery of the premixed rich burn can lead to quenching of partially oxidized mixture or mixture escaping the combustion altogether.” (According to [https://www.dieselnet.com/tech/emissions\\_idle.php](https://www.dieselnet.com/tech/emissions_idle.php))

Hewitt Industries has introduced a device that will use fuel more efficiently. The unit is designed to shut down the engine and any connected accessories within five minutes after the vehicle or trailer brakes have been applied. It operates the same way as turning the ignition off. Flexibility of the Hewitt “Engine Idle Limiter” design allows various application combinations to minimize unnecessary engine idling.

This revolutionary technology is key because trucks and other heavy-duty vehicles currently account for more than 20 percent of transportation-related fuel consumption and greenhouse gas emissions in the United States, according to the EPA. The new fuel efficiency standards will cover medium- and heavy-duty vehicles through 2027.

#### Facts:

1. Cars, trucks and heavy-duty vehicles guzzle more than 6 billion gallons of fuel just by idling engines. This is the same amount used in 2-weeks of highway driving
2. Idling causes approximately 5,000 tons of particle pollution every year, primarily from diesel engines
3. Long-haul trucks idle as much as 8 hours per day, for an average of 300 days per year and \$6,000 per year per truck in lost fuel.

“We are proud to introduce such an innovative product that will assist commercial fleet owners, owner operators and the commercial bus industry in addressing the growing concern over fuel

costs and emissions. Our company was founded on a strong commitment to invent revolutionary, high quality products and we continue to uphold this commitment in our business today,” said Jim Hansen “All of our products are manufactured or assembled in the USA.”

Purchasing Info:

Fleet Managers purchase directly at [www.HewittIndustries.com](http://www.HewittIndustries.com)

Owner Operators purchase directly from Amazon

Retail Price - \$109 – Quantity Discounts Are Available – [www.HewittIndustries.com](http://www.HewittIndustries.com)

#### **ABOUT**

Hewitt Industries was founded by John T. Hewitt in 1955 after he designed the first pyrometer for trucks. Since then, the company has expanded globally and continues to provide innovative solutions for the heavy equipment and commercial trucking industry. Hewitt Industries is based in Huntington Beach, CA, is ISO 9000 certified and manufactures all products in the U.S.A. For more information, go to [www.HewittIndustries.com](http://www.HewittIndustries.com) or contact Danny Porizek, 866-388-8869 Extension 107 or [IdleTimer@HewittIndustries.com](mailto:IdleTimer@HewittIndustries.com).