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AKG Thermal System Launches New Hydraulic Conditioning Unit

Mebane, N.C. – Thursday, October 17, 2019 -- AKG Thermal Systems, Inc. has developed a Hydraulic Conditioning Unit (HCU35) that can install on truck frame rails. Trucks or agriculture equipment that have a Power Take-Off (PTO) receives power from a source such as a running engine. The PTO transmits the power to an application such as an attached implement or towards a separate machine.

The HCU35 is designed to fit in very tight spaces and conveniently mounts on the frame rail. The HCU35 is engineered to condition and cool the oil for a wide variety of applications such as:

- Food & Chemical transport
- Crude oil transport
- Vacuum pumps
- Combo drives
- Bulk feed trucks



Not only does the Hydraulic Conditioning Unit (HCU35) cool hydraulic oil, but it also stores and filters the oil as well. This feature eliminates the need for large reservoirs that store excess oil. This elimination allows the HCU35 to offer a considerable weight saving to the vehicle, which translates to better fuel efficiency.



AKG Thermal Systems, Inc. will offer three fan motor drive options to provide flexibility to the market. The engineer-driven HCU35 has reviewed leak points, installation, and power supplies for proper performance. The design of the fan drive options are made with the operation of a truck well thought out.

AKG Thermal Systems, Inc. has invested resources in developing a state of the art reservoir for an industry-leading, rapid de-aeration with flows up to 38 gallons per minute. The HCU35 can prevent cavitation in the hydraulic system, leading to increased efficiency and life expectancy of the hydraulic system.

In addition to oil filtration, de-aeration, and cooling, AKG Thermal Systems invested in vibration testing. The rigors of testing to military standards for 228,000 miles, with no vibration isolators, has proved the rugged a design. The HCU35 has passed test conditions more extreme than any applications it will see in the field.

The product release date for the HCU is October 17, 2019.

Please visit AKGTS's website <https://www.akgts.com/> to review the offering for the HCU35 hydraulic conditioning and cooling offering.

PATENT PENDING

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The AKG Group

AKG, founded in Hofgeismar, Germany, expanded to Mebane in 1981. AKG is a global, leading supplier of high-performance coolers and heat exchangers as well as customized system solutions that comply with the highest quality standards. Worldwide, 2,300 employees work at 12 manufacturing facilities in Germany, France, United Kingdom, United States, Latvia, China and India. Together with a number of additional sales companies, AKG is on duty around the clock. The company has longstanding and successful partnerships with original equipment manufacturers (OEMs) in 24 industry segments, such as construction machinery, compressed-air systems, agricultural and forestry machines, vehicle construction and many other applications in served markets. AKG operates two of the world's largest research, development, measurement and validation centers for cooling solutions and customized applications. AKG is a trusted partner and global leader for custom cooling solutions. For 100 years, AKG has gained a wide-range of experience through diverse customer needs and adapted to the growing demands of custom cooling solutions in various markets and applications.