

Press Release

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The newly found 3nine Automotive offers Active Crankcase systems based on Disc Stack Technology for the automotive industry

Illertissen/Düsseldorf - 3nine AB, a Swedish company specialized in developing air cleaning technologies, now offers solutions for handling oil mist emissions from combustion engines in the automotive industry.

3nine AB's newly founded company 3nine Automotive GmbH primarily focus on developing and selling Active Crankcase Ventilation (ACCV) Systems based on a disc stack technology for car, truck, and off-road vehicle engines. The separation of oil particles from the so-called blow-by gas extends the service life of the engine, increases its overall efficiency, and contributes to a cleaner environment.

The company was founded in April 2020 with headquarters in Illertissen Germany. Engr Francesco Zitarosa, a former employee at REINZ-Dichtungs-GmbH was appointed as Site Manager and shortly thereafter, a team of experts with a long track record in the automotive industry was recruited. The company invested in a state-of-the-art laboratory with the latest test equipment necessary to develop the product and ensure its maturity. Among others, it invested in test benches, including spectrometers to analyze particle distribution and separation efficiency, rotor dynamic test rigs, and special endurance test equipment in relation to icing, soot sedimentation, and overall product lifetime.

“As Manager of Global Application Engineering for crankcase ventilation systems at REINZ-Dichtungs-GmbH, I was receiving more and more requests for ACCV Systems mainly due to stricter emission regulations, which traditional passive solutions are not capable of meeting. As 3nine, are known worldwide for its expertise in disc stack technology, I believe we are in a good position to provide ACCVs meeting customers’ demands and meeting tomorrows emission regulations.” Says Mr Zitarosa

At present, 3nine Automotive is heavily involved in developing customer specific ACCV systems consisting of either hydraulically or electrically driven disc stack separators. These separators continuously remove almost 100% oil mist from the crankcase gas of combustion engines – without the need for filters. The separated oil then returns to the oil recirculation system and the cleaned gas to the combustion engine via the intake line or directly to atmosphere. In this regard, the company’s crankcase ventilation system assists in complying with tomorrow’s stricter emission regulations.

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About 3nine Automotive

3nine Automotive is part of the Swedish group 3nine, which develops air cleaning solutions based on disc stack technology. In addition to 3nine Automotive GmbH, the group consists of 3nine Industries AB and 3nine Shipping AB, offering products and services for cleaning air within the shipping and metalworking Industry.
