

MAHLE Aftermarket Inc. Provides Guidance on Proper Engine Bearing Lubrication Ensuring Long Engine Life and Durability

Farmington Hills, MI... April 28, 2016 – MAHLE Aftermarket Inc. is a world-renowned provider of superior engine components, as well as a leading resource to the industry for technical information to help ensure long engine life and durability.

As part of MAHLE's many educational efforts, Bill McKnight, Training Manager for MAHLE Aftermarket Inc., has a wealth of engine component knowledge and offers insights via his "Technical Tuesdays" Facebook posts including proper engine bearing lubrication.

"Bearings will last nearly forever if they're riding on an adequate film of clean oil. A properly maintained gasoline engine can easily travel 250,000 miles, and it's common to see diesel engines with over a million miles." McKnight stated.

McKnight said the following points on engine bearing and oil interaction are important to remember while planning or assembling an engine:

- Tight engine bearing clearances are best as they create a desirable thin oil film on engine parts for good oil flow control.
- Bearing clearance should be a thousandth of an inch per inch of shaft diameter.
- An extra half thousandth of an inch should be added for a high performance engine.
- Buy the best engine oil you can afford – and then some.

"If the barrier of oil disappears or becomes thinner than an engine part's protrusions, scouring can occur resulting in nearly instantaneous engine failure. This is especially important in high performance engines with their increased pressures." McKnight concluded by saying, "Following the above guidelines will help ensure your engine lasts as long and reliably as possible."

For more information, [click here](#).



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About MAHLE

MAHLE is a leading international development partner for the automotive industry. With its products for combustion engines and their peripherals as well as for electric vehicles, the group addresses all the crucial issues connected to the powertrain and air conditioning technology: from engine systems and components to filtration to thermal management. In 2014, the group generated sales of EUR 9.94 billion with around 66,000 employees. Today, MAHLE is represented in over 30 countries with 170 production locations.

About MAHLE Aftermarket

MAHLE Aftermarket, the business unit specializing in spare parts, uses the expertise from the series production of original equipment in its automotive aftermarket product range. The business unit supplies trade, repair shop, and engine repair partners with products in original equipment quality—ranging from engine parts and filters to engine peripheral components and engine cooling components; while the Aftermarket's Service Solutions division provides products for the Tool & Equipment Industry to technicians and workshops around the world. MAHLE Aftermarket is represented with 1,593 employees at 22 locations and other sales offices worldwide, including numerous logistics centres and regional offices. In 2014, the business unit achieved a global sales volume of over \$1 billion USD (EUR 836 million).

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