

For further information, please contact:

Samantha Joubert, Marketing Communications, SKF South Africa

Tel: +27 (0) 11 821 3602 / Fax: +27 (0)86 681 4342

Samantha.joubert@skf.com

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SKF lubrication solution for HBU's reduces friction and fuel consumption

SKF's lubrication solution for HBUs (hub bearing units) reduces friction by as much as 9% compared to standard grease while maintaining the same bearing performance.

The low friction grease meets the market need to reduce friction in wheel bearing units, cutting both CO2 emissions and fuel consumption to improve total vehicle efficiency.

Developed by SKF to a new chemical formula with an optimised ratio between friction modifier and anti-wear additives, the ion grease contributes to the reduction of the friction maintaining the same bearing performance in terms of life, stiffness, sealing and false 'brinelling'.

Utilising the SKF Vehicle Environmental Performance Simulator (VEPS) and based on the New European Driving Cycle (NEDC), it has been calculated that a vehicle with four hub bearing units using the low friction grease saves 0,15 g CO2 per km. When based on an annual mileage of 14,500 km, the saving is an impressive 2,9 kg CO2 per year.

The grease is fully compatible with the bearing components and is applicable to all generations of hub bearing units and is suitable for both new designs and retrofit.

The low friction grease is part of the SKF BeyondZero portfolio. SKF BeyondZero solutions are designed to help reduce CO2 emissions, preserve limited resources and protect the environment from the use and spread of toxic substances.

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2/...SKF grease for HBUs

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SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems, and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has around 15,000 distributor locations worldwide. Annual sales in 2015 were SEK 75 997 million and the number of employees was 46 635. www.skf.com

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By: Sonia Laverick
Laverick Media Communications cc
Tel: +27 (0) 11 0400 818/ Fax: +27 (0) 86 671 6836
lavmedia@iafrica.com / www.laverickmedia.co.za