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Press Release

maxon Heavy Duty DC motors for extreme environments in the oil & gas industry.

maxon offers a range of Heavy Duty (HD) brushless DC motors that are suitable for a variety of drilling applications, hydraulic valve controllers, communication mechanisms and measuring instruments.

A robust design with laser welded connections, linear motor characteristics, low energy consumption and low magnetic interference adds to the motors high reliability that is needed for the extremely harsh operating conditions in the oil & gas industry. The maxon HD brushless DC motors feature efficiency levels of up to 88% in air and over 70% in oil. Designed to withstand extreme temperatures up to 200°C as well as pressure, shocks and vibrations (to 25 Grms) and impacts to 100G, these HD brushless DC motors have zero cogging making them easy to control and suitable for precise positioning. The applications befitting these brushless DC motors are measurement while drilling (MWD), measurement and inspection systems, valve controllers and hydraulic pump systems.

The HD brushless DC motors are designed for, rated and tested to meet the harsh operating conditions. Combined with new electronics technology they allow for improved control and monitoring of drilling procedures.

For more information contact maxon motor Australia tel. +61 2 9457 7477.

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The press release is available on the internet at: www.maxongroup.net.au



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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.