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Shell Tellus S2 MX and Shell Tellus S2 VX - upgrade

Dear Partners,

Current Tellus S2 M (using Group I base oils) was developed in the late 1990s and launched in 2002 (Tellus S2 V in 2004). Since then, it has been an extremely successful product for Shell Lubricants. Modern hydraulic systems are more compact and operate at higher pressures. Major hydraulic OEMs like Bosch Rexroth were increasingly concerned that DIN/ISO standards would not adequately protect their equipment in service, so they developed their own approval process and performance test, designated RFT-APU-CL (Rexroth Fluid Test – Axial Piston Unit – Closed Loop) RDE 90235. Shell was the first major oil company to be approved on RDE 90245 list with Shell Tellus S2 MX and VX formulated with Group II base oils, which are more widely available and offer a more consistent quality over Group I base oils.

Shell Tellus S2 MX and VX offer advanced hydraulic fluids for today's demanding applications operating at higher pressures (from 350 bars to 500 bars) and pumps running at higher speeds up to 4000 rpm. A modern hydraulic fluid is designed to protect critical system components while minimizing downtime and unplanned maintenance has to have extremely good antiwear properties, very good oxidation and thermal stability and very good surface properties (air release, demulsibility, anti-foaming and filterability).

Shell Tellus S2 MX & VX helps customers improve reliability and productivity of hydraulic systems*, which can contribute to reduced total cost of ownership by

- Offering enhanced wear protection which helps prolong equipment life, and can help reduce the number of unplanned shutdowns while lowering maintenance costs*
- Delivers more efficient system operation* to help maximise productivity.
- Extend drain intervals (up to double the oil life)* which can help enables customers to operate equipment for longer without interruption.

*Compared to previous generation Shell Tellus S2 M & V

Best regards,

Emma Mallinson
Shell Tellus Brand Manager

Jake Sutton
Shell Product Application Specialist