

IMPROVING RELIABILITY AND PRODUCTIVITY OF HYDRAULIC SYSTEMS¹ CAN HELP CUT TOTAL COST OF OWNERSHIP WITH SHELL TELLUS HYDRAULIC OILS



THE CRITICAL ROLE OF HYDRAULIC OIL		
WEAR PROTECTION	LONGER EQUIPMENT LIFE	SYSTEM EFFICIENCY
Helps limit wear and corrosion, to guard against breakdown	Greater resistance to oxidation helps equipment operate under higher stresses for longer	Efficiently transmits power through the system

SHELL TELLUS S2 MX AND VX HYDRAULIC OILS CAN HELP DELIVER COST SAVINGS¹

INCREASED WEAR PROTECTION¹

- Helps reduce wear rate even in harsh conditions³
- Helps protect against copper corrosion⁴, rust⁵ and scuffing⁶
- Shell Tellus S2 MX is among the first to meet new Bosch Rexroth standard for wear protection in extreme conditions³

This can help:

- Reduce frequency of breakdown
- Improve reliability of operations
- Lower maintenance costs

- LONGER OIL LIFE¹
- Over 5000 hours TOST life: 3x industry and OEM limits⁷
- Double the oil life of Shell Tellus S2 M and V⁷
- 400 mins in Rotary Pressure Vessel Oxidation Test⁸

This can help:

- Extend maintenance cycles
- Lower maintenance costs
- Reduce downtime
- Improve operational efficiency

MORE EFFICIENT SYSTEM OPERATION

Thanks to:

- Excellent friction control⁹
- Excellent filterability¹⁰
- Consistent water separation¹¹
- Improved air release¹²
- Excellent stick-slip control⁹

This can help:

- Ensure equipment meets or exceeds its design capabilities
- Enhance productivity by extending maintenance cycles

ALL HELPING IMPROVE RELIABILITY AND PRODUCTIVITY OF HYDRAULIC SYSTEMS, CONTRIBUTING TO REDUCED TOTAL COST OF OWNERSHIP

www.shell.com/lubricants

¹Compared to Shell Tellus S2 M and S2 V ²Source: multiple surveys by industry bodies including additive companies, filter manufactures, hydraulic equipment manufacturers ³Shell Tellus S2 MX is one of the first hydraulic fluids to appear on Bosch Rexroth Fluid Rating List RDE 90245 New Bosch Rexroth test increases stress factor by 13 times compared with Eaton 35VQ25 pump test ⁴Compared with ASTM D130 mix of 3h and 168-hour test limit, and rated at 1a ⁵Compared with ASTM D665B test limit ⁶FZG performance, up to FLS 12 ⁷TOST (Turbine Oil Stability Test) life of over 5000 hours. ASTM D 943 test, twice the life of Tellus S2 M and S2 V, and three times that of typical industry and OEM limits ⁸ASTM D2272 RPVOT test ⁹ASTM D1894 stick slip test compared with Shell Tellus S2 M and S2 V ¹⁰Compared to ISO 13357-1 filterability test limit ¹¹Compared to water separation ASTM D1401 limit ¹²Compared with IP 313 air release limit

SHELL LUBRICANTS TOGETHER ANYTHING IS POSSIBLE