



# FROM LOWERING COST OF OWNERSHIP TO SURPASSING GOALS

SHELL TELLUS S2 MX MAKES IT POSSIBLE

**SHELL LUBRICANTS**  
TOGETHER ANYTHING IS POSSIBLE



## WE'VE PUT 10 YEARS INTO BRINGING YOU THE NEXT GENERATION OF HYDRAULIC OILS

At Shell we understand that in any business you need to stay competitive. That's why we have spent the last 10 years developing the new Shell Tellus S2 MX, designed to offer you increased productivity<sup>1</sup> with extended oil life<sup>2</sup>, advanced wear protection<sup>3</sup> and outstanding system efficiency<sup>4</sup>.



### MEETS THE NEW BOSCH REXROTH FLUID RATING LIST RDE 90245

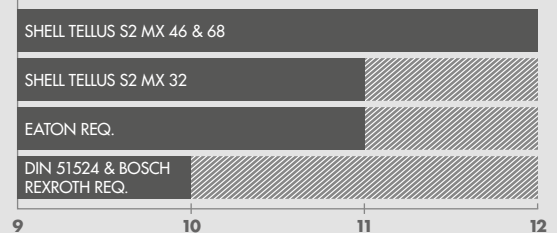
Excellent performance in even more severe conditions, where the new Bosch Rexroth Fluid Rating List<sup>15</sup> increases the oil stress factor by 13 times<sup>5</sup>.

So if your ambition is to keep your equipment running smoothly, your operation going 24/7 or reduce maintenance costs<sup>6</sup>, the new Shell Tellus S2 MX makes it possible.



## DESIGNED TO PROTECT

As loads on pumps are increasing, protecting your equipment is more important than ever. The new Shell Tellus S2 MX formulation allows higher load carrying capacity<sup>7</sup> and can help to protect your components from damage. This helps you to increase your equipment's service life, to reduce unplanned shutdowns and maintenance expenditure, thus lowering your total cost of ownership<sup>6</sup>.



### LOAD BEARING CAPACITY (Failure Load Stage)

HIGHER IS BETTER →



**LESS MAINTENANCE MEANS LESS COSTS<sup>6</sup>, MORE UPTIME FOR YOUR BUSINESS**

Shell Tellus S2 MX [www.shell.com/lubricants](http://www.shell.com/lubricants)

# SHELL TELLUS S2 MX



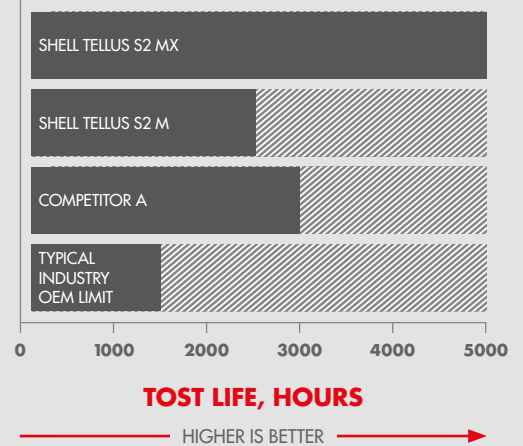
## DESIGNED FOR LONGER LIFE<sup>2</sup>

With operations running longer hours, you need equipment that is responsive and reliable for longer, leading to fewer interruptions in production. The new Shell Tellus S2 MX gives an in-operation life of 5,000 hours in the Turbine Oil Stability Test (TOST)<sup>8</sup>, three times that of typical industry and OEM limits.

- Has 75%<sup>9</sup> better sludge formation in thermal stability test
- Up to 55% lower wear rate in cam ring<sup>10</sup> and up to 65% lower wear rate in vane<sup>10</sup> based on Eaton 35VQ25 test
- Rotary Pressure Vessel Oxidation Test (RPVOT) 400 minutes<sup>11</sup>



**LONGER OIL LIFE<sup>2</sup> MEANS ENHANCED EFFICIENCY<sup>4</sup> AND MORE PRODUCTIVITY<sup>1</sup>**



## DESIGNED FOR EQUIPMENT EFFICIENCY<sup>4</sup>

To maximise your productivity<sup>1</sup>, you need your equipment running smoothly. The new Shell Tellus S2 MX provides excellent resistance to breakdown in the presence of water and improves on the already excellent friction control of the Shell Tellus S2 family, maintaining your equipment's performance.

- Maintains excellent filterability<sup>4</sup>
- Consistent water separation<sup>4</sup> and air release<sup>4</sup>



**RESISTANCE TO OIL BREAKDOWN BENEFITS YOUR EQUIPMENT'S HEALTH**

## DESIGNED WITH A NEW FORMULATION

The new Shell Tellus S2 MX uses a Group II base oil formulation that offers longer life<sup>2</sup> compared with products based on Group I base oils. Its new additive technology is designed to offer better wear protection<sup>3</sup> and higher load carrying capacity and avoid filter or valve failures, increasing your system efficiency.

- Advanced wear protection<sup>3</sup>
- Excellent performance in severe Bosch Rexroth Fluid Rating List RDE 90245<sup>5</sup>
- Excellent metal protection of your hydraulic system<sup>13</sup>
- Excellent in protecting your pump whether in wet or dry conditions<sup>14</sup>



**ADVANCED WEAR PROTECTION<sup>3</sup> IN HARSH ENVIRONMENTS MEANS YOUR EQUIPMENT RUNS LONGER**

## DESIGNED FOR YOU

Whatever your needs or application, Shell has a full range of oils and greases, including synthetic and high performance products. Beyond product, we provide you with the support, expert advice and training you need.

**Our services include:**

- **Shell LubeMatch** – a free web tool that helps you find the right lubricant in an instant
- **Shell LubeAnalyst** – oil and equipment condition monitoring which gives an early warning of potential breakdowns to avoid heavy maintenance costs
- **Shell LubeAdvisor** – technical advice to help you choose the right product for your equipment and business needs
- **Shell LubeCoach** – relevant training on topics including healthy and safety, storage, handling and maintenance practices

If you want to find out what's possible for your business, please contact your local sales representative or visit [www.shell.com/lubricants](http://www.shell.com/lubricants)

<sup>1</sup> The potential gains in productivity may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices. <sup>2</sup> Compared with Shell Tellus S2 M using TOST and RPVOT tests limit. <sup>3</sup> Compared to the OEM wear test Eaton 35VQ25 [E-FDGN-TB002-E] limit. <sup>4</sup> Compared with ISO 13357-1 filterability test limit, to water separation ASTM D1401 limit and with IP 313 air release limit. <sup>5</sup> Compared with legacy pump which is the Eaton 35VQ25 test, widely recognised as a typical mainstream hydraulic fluid qualification. <sup>6</sup> The potential savings may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices. <sup>7</sup> Compared to FZG test (ISO 14635-1) by achieving FLS 11 at ISO VG 32 and FLS 12 for ISO VG 46 and 68. The limit for industry is 10. <sup>8</sup> Compared ASTM D 943 test, twice the life of Shell Tellus S2 M, and three times that of typical industry and OEM limits. <sup>9</sup> Compared with ASTM D2070 test limit. <sup>10</sup> Compared to the OEM wear test Eaton 35VQ25 [E-FDGN-TB002-E] limit. <sup>11</sup> Compared in ASTM D2272 RPVOT test where Shell Tellus S2 MX achieves 400 mins, and Tellus S2 M achieves 200-250 mins. <sup>12</sup> Compared with Shell Tellus S2 M relatively in lab screener test- ASTM D1894 stick slip test, in-house friction rig. <sup>13</sup> Compared with ASTM D130- mix of 3h and 168-hour test limit, and rated at 1a and compared with ASTM D665B test limit. <sup>14</sup> Compared to the OEM wear test Eaton 35VQ25 [E-FDGN-TB002-E] limit and Denison T6H20C hybrid test (wet and dry conditions) test limit. <sup>15</sup> Bosch Rexroth Fluid Rating List RDE 90245.