

Shell Tellus S4 VX



- Ultra-low temperature
- Versatile applications



DESIGNED TO MEET CHALLENGES

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Tellus range of hydraulic fluids has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through

- **wear protection**
- **long oil life**
- **system efficiency.**



Performance at a glance			
	Protection	Oil life	System efficiency
Shell Tellus S4 VX ■ Ultra-low temperature ■ Versatile applications	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓
Shell Tellus S3 V ■ Long life and improved efficiency ■ Versatile applications	✓✓✓✓	✓✓✓✓	✓✓✓✓

Performance level is a relative indication only.

A SPECIAL-APPLICATION HYDRAULIC FLUID FOR ULTRA-LOW TEMPERATURES

Shell Tellus S4 VX features a unique, advanced, ashless technology for extended fluid life and superb wear protection. Moreover, through its specially selected base fluids, it has the widest operating temperature range in the Shell Tellus range, so you can rely on it even at the ultra-low temperatures (as low as -50°C) that are found in Arctic and exposed mining and forestry operations.

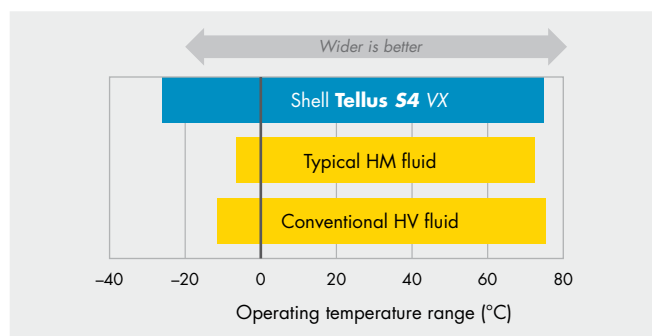
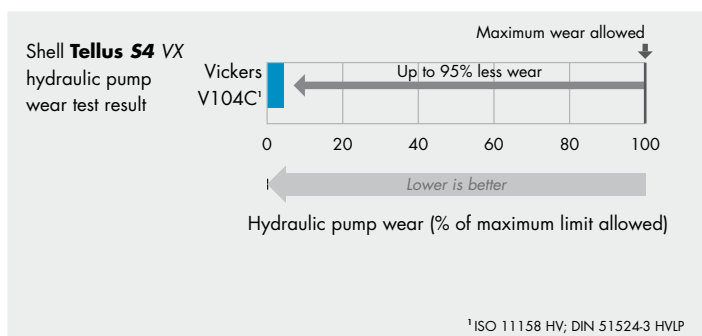
In addition, its reduced environmental impact (low toxicity towards aquatic life) can help progressive operators to manage the environmental impact of their operations.

IMPROVED CLEANLINESS: All Shell Tellus products now meet the demanding cleanliness requirements of the DIN industry standard to help provide extra protection, improved filter performance and less maintenance.

DESIGNED TO PROTECT

Protecting components from damage can help to increase service life and maximise your return on investment. Shell Tellus S4 VX can help to achieve this by providing

- **up to 95% less wear** than the industry standard to help equipment last longer
- **an operating temperature range up to 28% wider** than conventional fluids for increased protection at very low temperatures.

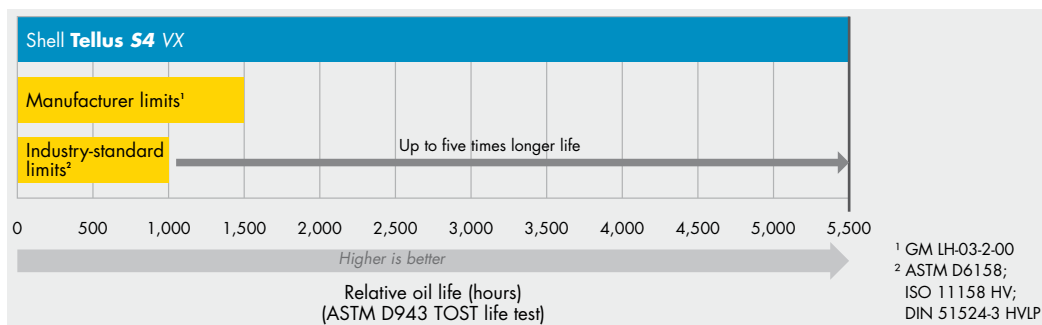


DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Tellus S4 VX is designed to help you operate your equipment for longer without interruption – for reduced maintenance requirements and enhanced productivity. In the industry-standard oil life test, Shell Tellus S4 VX achieved

■ up to five times longer oil life

than the industry minimum



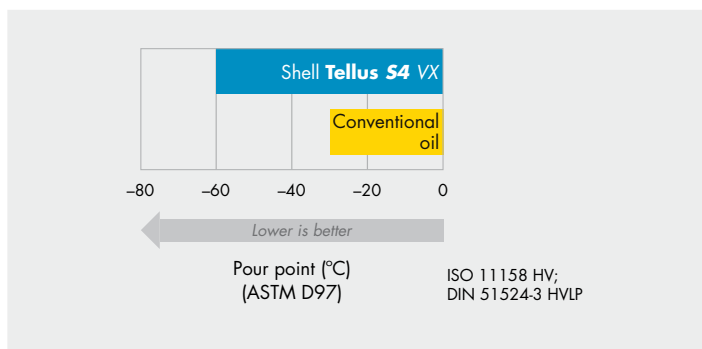
Exceptional cleanliness to help efficiency: Shell Tellus S4 VX achieved virtually deposit-free performance in the demanding Bosch Rexroth A4 VG piston pump test.

DESIGNED FOR HIGH EFFICIENCY

A hydraulic fluid needs to protect, lubricate and transmit power efficiently. Shell Tellus S4 VX is designed to help maximise productivity by helping equipment to meet or exceed its design capabilities. Compared with the industry minimum requirements, it offers

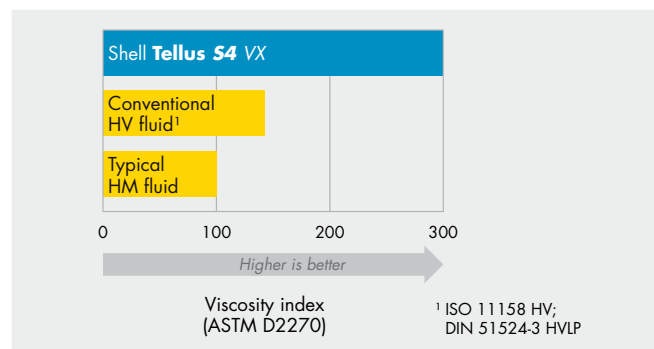
■ an extra-low pour point

for enhanced low-temperature flow to help ensure start-up under extra-cold conditions



■ an extra-high viscosity index

for consistent, efficient operation and protection from cold start-up to normal operating conditions.



SPECIFICATIONS AND APPROVALS

Shell Tellus S4 VX meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 32.

Claims and approvals

Komatsu Mining (operation in cold and Arctic conditions, -50 to 35°C).

Meets requirements

Frigoscandia (low-temperature hydraulic systems)
DIETZ automation (servo valve and proportional valve test equipment)

APPLICATIONS



Low-temperature hydraulic applications – for use in temperatures as low as -50°C



Mobile and exposed hydraulic applications – for use where the maximum operating temperature does not exceed 75°C. (For operating temperatures greater than this, Shell Tellus S4 ME is recommended.)

REAL-WORLD VALUE DELIVERY

Operators that need to run hydraulic equipment in extreme cold have benefited from the use of Shell Tellus S4 VX because it can help to deliver high levels of

- equipment availability – start-up is easy and maintenance requirements are reduced
- productivity – it delivers responsive operation all year round
- efficiency – energy losses due to pumping hydraulic fluid at low temperatures are controlled.

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, Shell can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

For more information, please contact

shell.com/lubricants

