

Shell Tellus S4 ME



- Extra long life
- Energy saving



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 ME ■ Extra long life ■ Energy saving	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓
Shell Tellus S3 M ■ Long life and improved protection ■ Industrial applications	✓✓✓✓	✓✓✓✓	✓✓✓

Performance level is a relative indication only.

A SYNTHETIC FLUID TO HELP ENHANCE HYDRAULIC SYSTEM EFFICIENCY

Shell Tellus S4 ME uses advanced, ashless, synthetic technology and is designed to help deliver value to your business. Proved to improve energy efficiency, it has the ability to increase oil life by up to four times compared with conventional oils in the Shell range and to prolong equipment life by enhancing hydraulic pump wear protection.

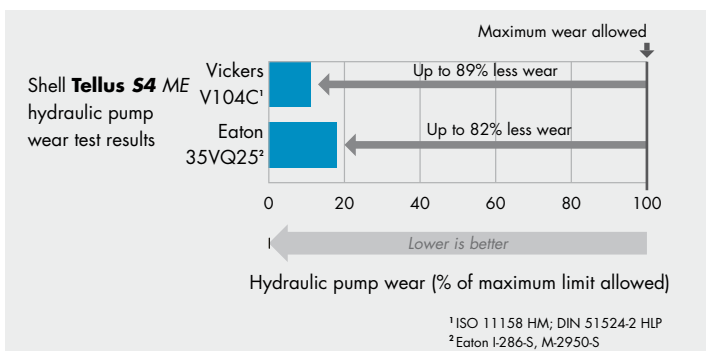
In addition, its reduced environmental impact (low toxicity towards aquatic life) can help progressive operators to manage the environmental impact of their operations.

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 ME can help to achieve this by providing

- **up to 89% less wear**
than the maximum allowed in the industry-standard hydraulic pump tests.



Enhanced protection formulation³

- ✓ Synthetic base oils for excellent viscosity control
- ✓ Enhanced flow properties at lower temperatures
- ✓ Advanced, ashless anti-wear additives
- ✓ Demonstrated exceptional wear control

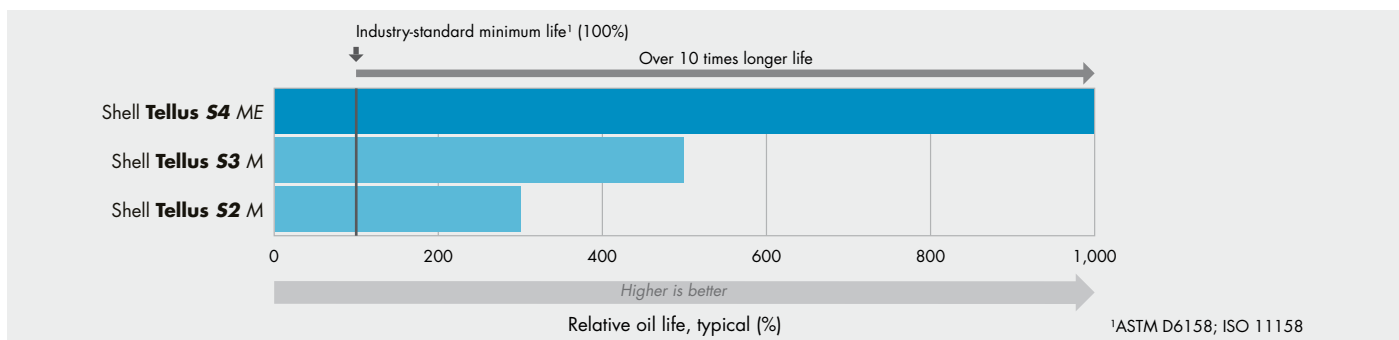
³Compared with conventional oils of the same viscosity grades

DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Tellus S4 ME 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 ME achieved

■ over 10 times longer oil life

than the industry minimum.

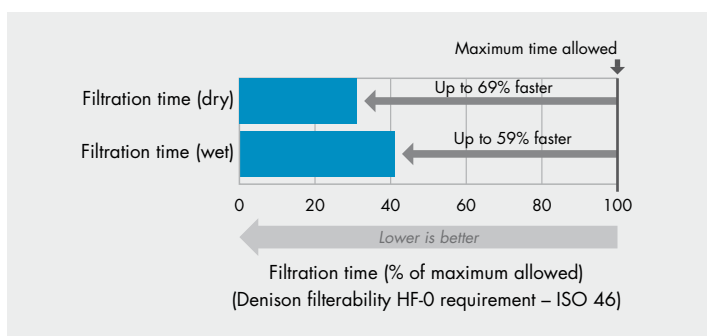


DESIGNED FOR HIGH EFFICIENCY

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

■ up to 69% faster filtration

to help reduce pressure loss across the filter for more efficient operation.



Proved to improve efficiency

- ✓ Statistically validated energy efficiency savings in industrial applications with intensive hydraulic power use
- ✓ Can help to improve machine speed and productivity
- ✓ Exceptional air release and other efficiency performance measures

SPECIFICATIONS AND APPROVALS

Shell Tellus S4 ME meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 22, 32, 46, 68.

Claims and approvals	Meets requirements
Cincinatti P-68 (ISO 32) Cincinatti P-70 (ISO 46) Cincinatti P-69 (ISO 68) Denison HF-0, HF-1, HF-2 Eaton (Vickers) M-2950 S, I-286 S Bosch Rexroth Arburg	ASTM D6158 (HM mineral oils) ISO 11158 HM fluids DIN 51524-2 (HLP oils) Swedish Standard SS 15 54 34 AM AFNOR NFE 48-60 Krauss Maffei

REAL-WORLD VALUE DELIVERY

Shell Tellus S4 ME has unlocked operational improvements in a range of applications. For instance, some customers have

- increased productivity by up to 3%
- significantly reduced their fluid and machine maintenance
- improved the energy efficiency of hydraulic systems. In a carefully controlled test cycle, one injection moulding equipment maker measured energy savings of up to 6.4%¹ in the hydraulic systems in which Shell Tellus S4 ME was used.

APPLICATIONS



Particularly suitable for industrial systems requiring high-intensity hydraulic power such as plastic injection moulding, metal pressing and other applications where Shell Tellus S4 ME has demonstrated efficiency improvements



High temperature and pressure applications – for extended operations. Shell Tellus S4 ME has the longest oil life of any Shell hydraulic fluid.



Mobile and outdoor applications – for use in climates with limited variations in temperature. (For applications in ultra-low temperatures, Shell Tellus S4 VX is recommended.)

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.

¹The actual energy savings depend on the application, the current oil, the maintenance procedures, the equipment condition, the operating conditions and the intensity of hydraulic power usage.

For more information, please contact

shell.com/lubricants

