

# Shell Tellus S3 V



- Long life and improved efficiency
- 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
<b>Shell Tellus S4 VX SYNTHETIC</b> ■ Ultra-low temperature ■ Versatile applications	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓
<b>Shell Tellus S3 V</b> ■ Long life and improved efficiency ■ Versatile applications	✓✓✓✓	✓✓✓✓	✓✓✓✓
<b>Shell Tellus S2 V</b> ■ Extra protection ■ Versatile applications	✓✓✓✓	✓✓✓	✓✓✓✓

Performance level is a relative indication only.

## AN EXTENDED-TEMPERATURE-RANGE, PREMIUM, ASHLESS HYDRAULIC FLUID

Shell Tellus S3 V uses a unique, advanced ashless technology to deliver up to five times longer life, improved pump protection and high efficiency levels. It is intended for operators of hydraulic systems in highly loaded, severe service conditions or where wide ranges of ambient or operating temperatures are encountered. In addition, its reduced environmental impact (low toxicity towards aquatic life) can help progressive operators to manage the environmental impact of their operations.

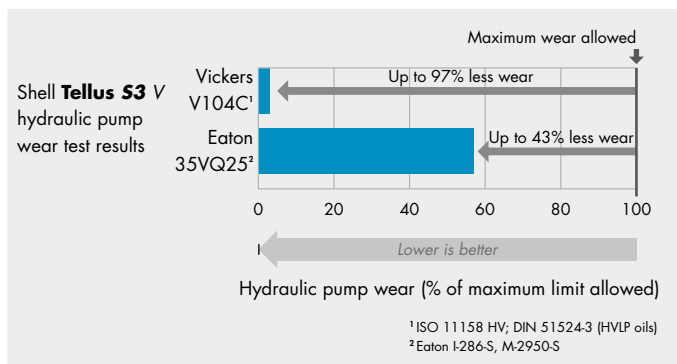
**IMPROVED CLEANLINESS:** All Shell Tellus products now meet the demanding cleanliness requirements of the DIN industry standard to help provide extra protection, improved filter performance and less maintenance.

## DESIGNED TO PROTECT

Protecting components from damage can help to increase service life and maximise your return on investment. Shell Tellus S3 V can help to achieve this by providing

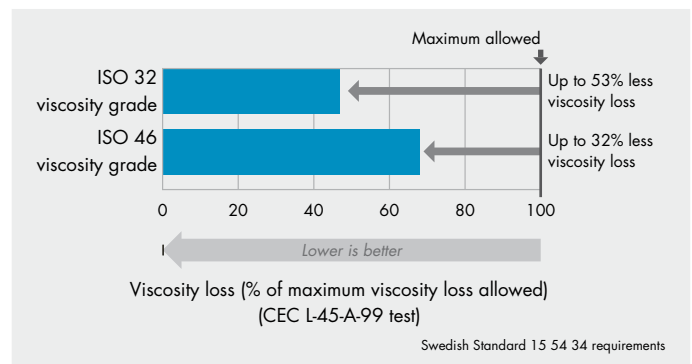
- **up to 97% less wear**

than the industry minimum requirement



- **up to 53% better protection against viscosity loss**

for continuing protection and performance throughout the oil's life.

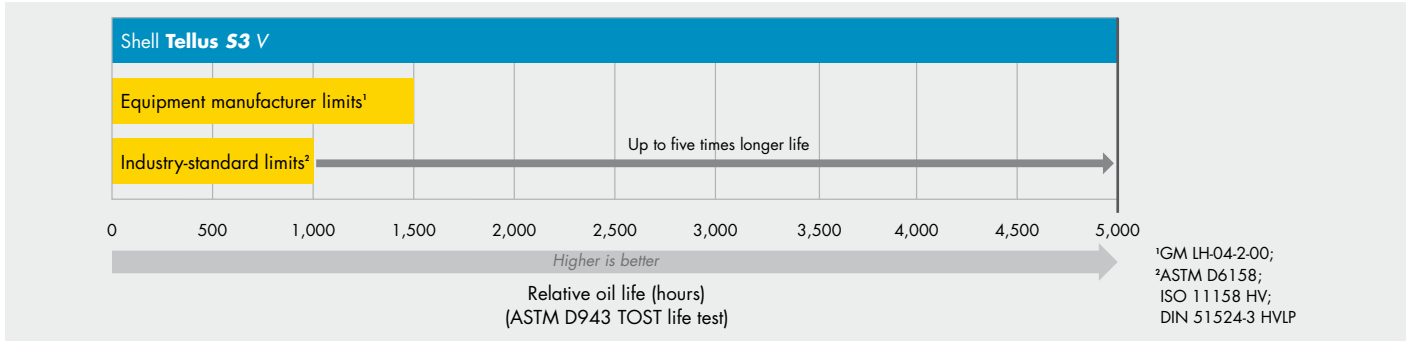


## DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Tellus S3 V 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 S3 V achieved

### ■ up to five times longer oil life

than the industry minimum.

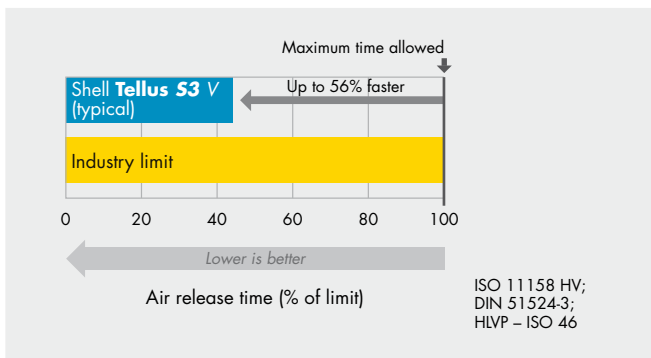


## DESIGNED FOR HIGH EFFICIENCY

A hydraulic fluid needs to protect, lubricate and transmit power efficiently. Shell Tellus S3 V is designed to help maximise productivity by helping equipment to meet or exceed its design capabilities. Compared with the industry minimum requirements, it offers

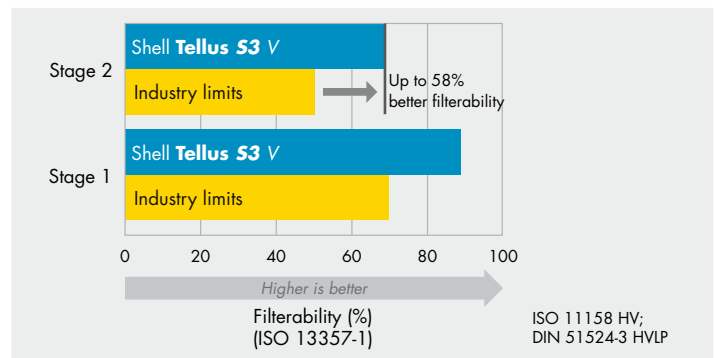
### ■ up to 56% faster air release

for efficient and precise hydraulic power transmission



### ■ up to 58% better filterability

in the demanding industry-standard wet test procedure, which helps to reduce pressure loss for more efficient operation.



## SPECIFICATIONS AND APPROVALS

Shell Tellus S3 V meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 32, 46, 68.

Claims and approvals	Meets requirements
Cincinnati P-68 (ISO 32) Cincinnati P-70 (ISO 46) Cincinnati P-69 (ISO 68) Denison HF-0, HF-1, HF-2 Eaton (Vickers) M-2950 S, I-286 S	ISO 11158 HV type AFNOR NFE 48-603 ASTM D6158 (HV mineral oils) DIN 51524-3 (HVLP oils) Swedish Standard SS 15 54 34 AV (ISO VG 46 and 68) Swedish Standard SS 15 54 34 AM (ISO VG 32)

## APPLICATIONS



Mobile and outdoor hydraulic applications – for exposed environments subject to wide temperature variations, and to reduce environmental impact in the event of a leak or accidental spillage



Precision hydraulic systems – for good control of fluid viscosity over the operating cycle and excellent fluid filterability

## REAL-WORLD VALUE DELIVERY

A wide variety of customers has unlocked value by moving to a higher quality hydraulic fluid. For instance, some have reported that they have

- extended their oil-drain interval by up to a factor of two for lower maintenance costs
- increased their hydraulic pump life: repair cost savings of over \$120,000 a year<sup>1</sup> have been reported
- enhanced efficiency through responsiveness and precision of movement from start-up to peak operating temperature.

## 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.

<sup>1</sup>Saving reported by one customer. Actual savings may vary, depending on the application, the current oil used, the maintenance procedures and the condition of the equipment.

For more information, please contact

[shell.com/lubricants](http://shell.com/lubricants)

