



# Shell Tellus S3 M

Shell Tellus S3 M helps to optimise your **OPS**  
from **A** to **Z**

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

**WORKS HERE.**



## SHELL TELLUS RANGE

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 fluid that will help to deliver optimum value to their operations through

- wear protection
- long fluid life
- system efficiency.

## APPLICATIONS

Factory-based industrial hydraulic applications – approved by a range of leading equipment manufacturers

Severe-duty, extended-operation and high-load applications – where long life and extra protection are needed

Mobile and outdoor applications – for climates with limited variations in temperature. (Shell Tellus S3 V is recommended for wider variations.)



## 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.

## 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	✓✓✓✓	✓✓✓✓	✓✓✓✓
Shell Tellus S2 MX ■ Long life and improved protection ■ Industrial applications	✓✓✓	✓✓✓✓	✓✓✓✓
Shell Tellus S2 M ■ Extra protection ■ Industrial applications	✓✓✓	✓✓✓	✓✓✓

Performance level is a relative indication only



## ○ – DESIGNED FOR LONG OIL LIFE

Resisting fluid degradation can help to prolong oil life. Shell Tellus S3 M 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 M achieved

- **up to five times longer oil life** than the industry minimum.



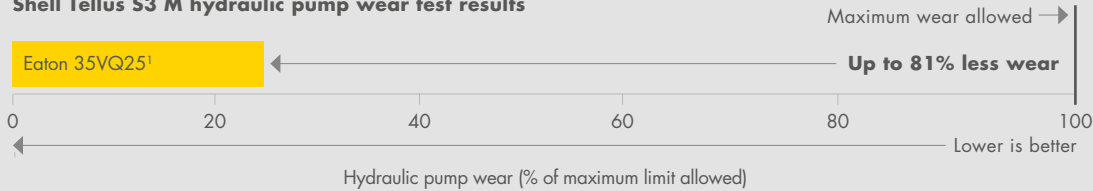
<sup>1</sup>GM LH-04-2-00; <sup>2</sup>ASTM D6158, ISO 11158 HM: DIN 51524-2 HLP

## P – DESIGNED TO PROTECT

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

■ **up to 81% less wear** than maximum allowed in the industry-standard hydraulic pump tests.

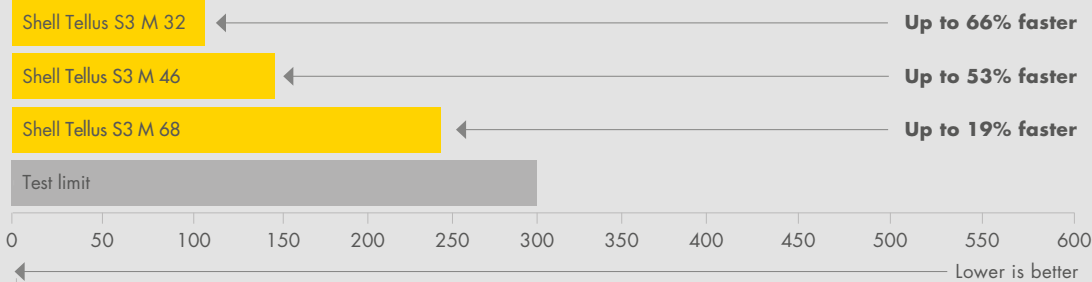
### Shell Tellus S3 M hydraulic pump wear test results



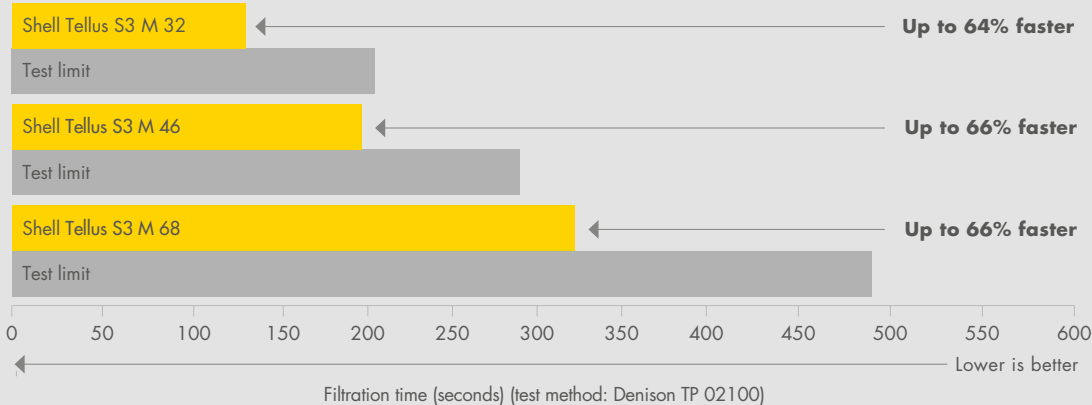
## S – DESIGNED FOR HIGH SYSTEM EFFICIENCY

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

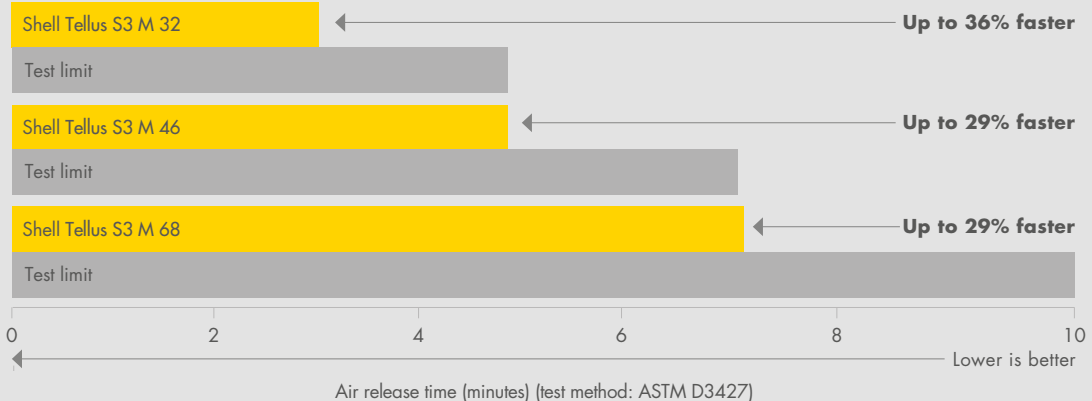
### Filterability (dry)



### Filterability (wet)



### Air release



<sup>1</sup>Eaton brochure 694 (formerly I-286-S and M-2950-S)

## Z – A PREMIUM, ZINC-FREE INDUSTRIAL HYDRAULIC FLUID

There are usually strict limits on heavy metals in effluents, so a zinc-free product offers major benefits in the case of leaks or hose bursts. Leaks of conventional anti-wear hydraulic fluids can result in zinc and other heavy metals entering the waste water being discharged from a manufacturing plant.

Switching to zinc-free Shell Tellus S3 M can help in meeting metal discharge consents. According to European Union legislation<sup>1</sup>, Shell Tellus S3 M is classed as not harmful to the following aquatic organisms: freshwater fleas (*Daphnia magna*) and saltwater mysid shrimps.

<sup>1</sup>European Directive on Dangerous Substances, see [ec.europa.eu/environment/archives/dansub/consolidated\\_en.htm#](http://ec.europa.eu/environment/archives/dansub/consolidated_en.htm#)



## THE FEATURES AND BENEFITS OF SHELL TELLUS S3 M

	Shell Tellus S3 M has good...	What this means to you...
Oil life <sup>2</sup>	Oxidation resistance	Long service life
	Hydrolytic stability	The fluid maintains its performance even when contaminated with water
Protection <sup>3</sup>	Thermal stability	Long service life at high temperatures
	Anti-wear properties	Extended component life
System efficiency <sup>4</sup>	Air-release properties	Enhanced productivity
	Filterability	Cleaner running systems and higher efficiency

<sup>2</sup>See page 2; <sup>3</sup>see page 3; <sup>4</sup>see page 3

## SHELL TELLUS S3 M HELPS TO OPTIMISE YOUR OPS FROM A TO Z – ALL-ROUND HYDRAULIC OIL

Claims and approvals	Meets requirements
Fives (formerly Cincinnati MAG) P-68 (ISO 32)	ISO 11158 HM fluids
Fives (formerly Cincinnati MAG) P-70 (ISO 46)	ASTM D6158 (HM mineral oils)
Fives (formerly Cincinnati MAG) P-69 (ISO 68)	DIN 51524-2 (HLP oils)
Parker Hannifin HF-0, HF-1, HF-2	Swedish Standard SS 15 54 34 AM
Eaton 694	

### Shell Tellus S3 M

- uses a unique, advanced zinc-free technology
- is able to deliver up to twice the life of Shell's conventional mainstream products, up to five times longer oil life than the industry minimum, improved pump protection and high efficiency levels
- is engineered to work under hot and heavy load conditions, and is ideal for most manufacturing and many mobile equipment operations.

### SPECIFICATIONS AND APPROVALS

Shell Tellus S3 M meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 22, 32, 46, 68, 100.

## 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.



## CONTACT

Talk to us about the benefits that **Shell Tellus oils** could offer your operation.

Find out more by visiting  
[www.shell.com/lubricants](http://www.shell.com/lubricants)