



**DESIGNED TO
PERFORM UNDER THE
TOUGHEST CONDITIONS.
JUST LIKE OUR HYDRAULIC
OILS – SHELL TELLUS®**



DESIGNED TO MEET CHALLENGES™

EVERY PART OF YOUR MACHINE OR PROCESS HAS BEEN METICULOUSLY ENGINEERED, SO YOU WANT TO BE SURE THAT YOU CHOOSE A LUBRICANT THAT HAS BEEN DESIGNED SO 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 designed to deliver optimum value to their operations through enhanced wear protection, long oil life and high system efficiency.

WEAR PROTECTION

The hydraulic pump is the heart of your hydraulic system. Any wear can reduce efficiency and system service life. The Shell Tellus range of hydraulic fluids offers a range of options, including the latest synthetic, ashless technology that can help to extend pump life, even under the most severe conditions and is cost-effective, with zinc-based additive technology for general use.

OIL LIFE

The longer the oil life, the less fluid maintenance is required to help your equipment operate for longer without interruption. The Shell Tellus® range of hydraulic fluids enables you to match the oil life of the fluid to your operational needs. It includes extra-long-life synthetic technologies capable of up to four times standard life¹ and through to cost-effective, reliable products for less-demanding applications.

SYSTEM EFFICIENCY

To help your equipment perform to its design standards, the hydraulic fluid needs to protect, lubricate and help transmit power in the most effective way possible. Shell Tellus hydraulic fluids can help maintain or even improve the efficiency of hydraulic systems. From Shell Tellus® S4 ME, which can help improve the energy efficiency¹ of many hydraulic systems, to Shell high-quality mainstream products that provide reliable air release, filterability and cleanliness, there is a choice that can help to optimize your system's efficiency and costs of operation.

A RANGE OF HYDRAULIC FLUIDS

To meet the challenges of a wide range of applications, we have designed a portfolio of fluids that

THE SHELL TELLUS® "M" RANGE

Industrial, manufacturing

Shell Tellus® S4

SYNTHETIC

- Extra long life
- Energy saving

Longer oil life, lower wear and better energy efficiency

Shell Tellus® S3

- Long life and improved performance
- Industrial applications

Longer oil life and better protection

Shell Tellus® S2

- Extra protection
- Industrial applications



¹ Compared with other oils in the Shell range.

² The actual savings depends on the application, the current oil, the maintenance procedures, the equipment condition, the operating conditions and the intensity of hydraulic power usage.









HYDRAULIC FLUIDS TO MEET YOUR NEEDS

A wide range of hydraulic equipment and applications, Shell has the fluid that enables you to choose a product to match your needs.

PRODUCT-NAME SUFFIX KEY

- A** = Water tolerant
- E** = Energy saving, high efficiency
- M** = Manufacturing/machine: factory applications
- V** = Versatile applications
- X** = Extra/extreme performance

APPLICATION ICON KEY

-  Factory/machine applications
-  Long life
-  High load
-  Ultra-low temperature
-  Mobile equipment/exterior use
-  Wet conditions

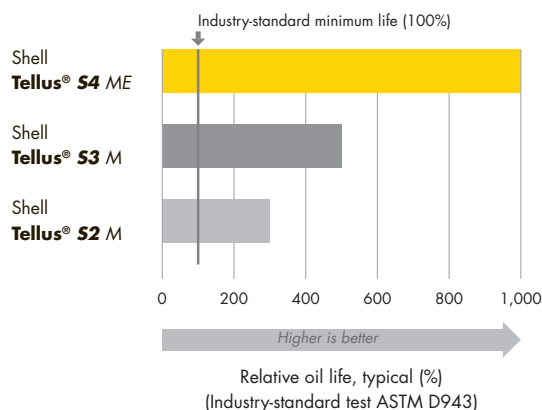


REAL-WORLD VALUE DELIVERY

Shell Lubricants does not just design fluids for the individual components of a hydraulic system such as the pump, we look at the system more broadly. For instance, Shell Tellus S4 ME has been designed to benefit the complete system. The result is a fluid that:

- can help to increase oil life by up to four times compared with conventional oils in the Shell range²
- can help to prolong equipment life through excellent hydraulic pump wear protection

Shell Tellus® S4 ME – For the longest oil life in the Shell Tellus range



Product	Benefits	Technology	Specifications and approvals (Full details of specifications/approvals for all products can be obtained from your Shell representative; approvals and specifications met will vary by viscosity grade.)
Shell Tellus® S4 ME	<ul style="list-style-type: none"> ■ Extra long life ■ Energy saving 	Synthetic, ashless	Approved by Denison Hydraulics, Cincinnati Machine, Eaton (Vickers), Bosch Rexroth and many other equipment manufacturers Industry standards: ASTM D6158, ISO 11158, DIN 51524-2
Shell Tellus® S3 V	<ul style="list-style-type: none"> ■ Long life and improved efficiency ■ Versatile application 	Mineral, ashless	Approved by Denison Hydraulics, Eaton (Vickers), Cincinnati Machine, Bosch Rexroth and many other equipment manufacturers Industry standards: ISO 11158, DIN 51524-3, ASTM D6158
Shell Tellus® S3 M	<ul style="list-style-type: none"> ■ Long life and improved protection ■ Industrial applications 	Mineral, ashless	Approved by Denison Hydraulics, Eaton (Vickers), Cincinnati Machine and many other equipment manufacturers Industry standards: ISO 11158, DIN 51524-3, ASTM D6158
Shell Tellus® S2 V	<ul style="list-style-type: none"> ■ Extra protection ■ Versatile application 	Mineral, zinc-based	Approved by Denison Hydraulics, Cincinnati Machine, Eaton (Vickers) and many other equipment manufacturers Industry standards: ISO 11158, ASTM D6158-05, DIN 51524-3
Shell Tellus® S2 M	<ul style="list-style-type: none"> ■ Extra protection ■ Industrial applications 	Mineral, zinc-based	Approved by Denison Hydraulics, Cincinnati Machine, Eaton (Vickers), Bosch Rexroth and many other equipment manufacturers Industry standards: ISO 11158, ASTM D6158-05, DIN 51524-2
Speciality grades			
Shell Tellus® S4 VX	<ul style="list-style-type: none"> ■ Ultra-low temperature ■ Versatile application 	Special base oils, ashless	Approved by Komatsu Mining, Komatsu and DIETZ automation (servo valve and proportional valve test equipment)
Shell Tellus® S2 MA	<ul style="list-style-type: none"> ■ Extra protection ■ Water tolerant 	Mineral, ashless, detergent	Approved by Mueller Weingarten (ISO 46) Industry standards: ISO 11158, ASTM 6158-05
Shell Irus	A full range of fire-resistant and less flammable fluids for special applications		Contact your Shell representative for details
Shell Naturelle	A full range of environmentally considerate hydraulic oils		Contact your Shell representative for details

FULL PRODUCT AND SERVICE PORTFOLIO

Shell Lubricants is a global leader in lubricants and has a 60-year history of innovation.¹ It is constantly investing to develop better lubrication solutions, including advanced synthetic technologies such as:

- Shell Omala® S4 GX synthetic gear oil – for long life in demanding environments
- Shell Corena® S4 R air compressor oil – for up to 12,000 hours of protection

In addition, Shell provides the Shell LubeAnalyst™ oil condition monitoring service, which as part of a preventative maintenance program can help maximize your equipment and lubricant performance.

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

¹Source: Kline & Company, "Competitive Intelligence for the Global Lubricants Industry, 2010–2018.



For more information, please contact your Shell Lubricants representative



shell.com/lubricants

The term "Shell Lubricants" refers to the various Shell Group companies engaged in the lubricants business.
© 2011 SOPUS Products. All rights reserved. CS5867-12

