



SHELL TELLUS[®] OILS S

Non-zinc, anti-wear hydraulic oils

Product Description

Shell Tellus[®] Oils S are premium, non-zinc, anti-wear hydraulic oils formulated to provide exceptional performance in hydraulic fluid systems which operate under severe conditions. Based on unique zinc- and chlorine-free technology, Shell Tellus[®] Oils S protect the equipment and are designed to provide excellent anti-wear properties. The products exhibit extended service life because they are formulated to be thermally stable and resistant to oxidation. Shell Tellus[®] Oils S are exceptionally stable in the presence of water.

Applications

- hydraulic oil systems, particularly those utilizing positive displacement, high speed/pressure pumps in environmentally sensitive applications
- circulating oil systems in environmentally sensitive applications
- general machine lubrication

Features/Benefits

- excellent anti-wear properties
- exceptional thermal stability
- superior hydrolytic stability
- rapid air separation
- low-foaming
- excellent protection against rust and corrosion
- long-term oxidative stability
- excellent filterability
- Passes US EPA LC-50 (ASTM E-729) (shrimp tox test)

Approvals and Recommendations

- Denison HF-0
- Vickers M-2950-S (Mobile) and I-286-S (Industrial)

Typical Properties of Shell Tellus® Oils S

	Test Method	ISO Viscosity Grade		
		32	46	68
Product Code		65448	65449	65450
Viscosity:				
@ 40°C, cSt	D 445	32.0	46.0	68.0
@ 100°C, cSt	D 445	5.4	6.7	8.6
@ 100°F, SUS	(calc)	165	238	354
@ 210°F, SUS	(calc)	44.4	48	54.2
Viscosity Index	D 2270	95+	95+	95+
Gravity, °API @ 60°F	D 1298	31.0	30.0	29.5
Flash Point, COC, °F	D 92	420	440	455
Pour Point, °F	D 97	-25	-15	-10
Copper Corrosion	D 130	1a	1a	1a
Emulsion Test, @ 130°F, 30 minutes MAX	D 1401	Pass	Pass	Pass
Rust Test	D 665B	Pass	Pass	Pass

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet <http://www.shell-lubricants.com/msds/> If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.