



SHELL TELLUS[®] OILS T

High viscosity index, low pour point, premium hydraulic oils

Product Description

Shell Tellus[®] Oils T are available in six ISO viscosity grades 15 through 100. These oils are blended with a carefully selected viscosity index (VI) improver in severely hydroprocessed Group II base oils to give a high VI without excessive loss of viscosity from mechanical shearing. **Shell Tellus Oils T**, therefore exhibit less change in viscosity with temperature than conventional hydraulic oils. In addition, **Shell Tellus Oils T** are compounded to give anti-wear performance, oxidation resistance and protect against rust and corrosion.

Applications

- hydraulic oil systems, particularly those that are subject to a wide variation in ambient and system operating temperatures
- firetrucks and fireboats
- airport emergency vehicles
- mobile hydraulically-operated equipment
- electrical service equipment (cherry pickers)

Features/Benefits

- superior anti-wear protection
- exceptional shear stability
- effective anti-chatter performance
- excellent oxidation stability
- outstanding protection against rust and corrosion
- non-foaming
- rapid air separation
- high dielectric strength

Approvals

- Meet the requirements of
- Denison HF-O
- Meet the requirements of Vickers M-2950-S (Mobile) and I-286-S (Industrial)
- Cincinnati Machine

C-M SPECIFICATION	SHELL PRODUCT
P-68	Tellus T 32
P-69	Tellus T 68
P-70	Tellus T 46

Typical Properties of Shell Tellus Oils T

	Test Method	ISO Viscosity Grade					
		15	22	32	46	68	100
Product Code		65407	65400	65401	65402	65403	65404
Viscosity:							
@ 40°C, cSt	D 445	15.5	21.0	34.6	45.0	67.2	101
@ 100°C, cSt	D 445	3.9	4.8	6.5	7.9	10.4	14.1
@ 100°F, SUS	(calc)	84	109	177	229	344	519
@ 210°F, SUS	(calc)	39.4	42.3	48	52.7	61.6	75.8
Viscosity Index	D 2270	153	158	144	147	142	144
Gravity, °API @ 60°F	D 1298	30.3	30.8	32.6	31.6	31.3	29.0
Flash Point, COC, °F	D 92	260	345	385	390	390	425
Pour Point, °F	D 97	-50	-40	-40	-42	-35	-35
Copper Corrosion	D 130	1b	1b	1b	1b	1b	1b
Foaming tendency, foam at 0 and 10 minutes	D 892						
Sequence I, ml		---	---	0/0	---	0/0	---
Sequence II, ml		---	---	25/0	---	20/0	---
Sequence III, ml		---	---	0/0	---	0/0	---
Rust Test	D 665B	Pass	Pass	Pass	Pass	Pass	Pass
Dielectric Strength, KV	D 877	35+	35+	35+	---	---	---

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet <http://www.equivashellmsds.com>. For more information and availability, call **1+800-782-7852** or visit the World Wide Web: <http://www.shell-lubricants.com/>.