# 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/.**