

Supplier - ARKEMA

**TPS 44***Dialkyl Tri-sulfide**Tertiaryalkyl Poly-Sulfides*

### Typical Properties

|  |                          |
|--|--------------------------|
| Appearance                               | Clear Light Yellow Fluid |
| Sulfur Content(ASTM D4794),%wt           | 42 - 46                  |
| Flash Point(ASTM D93,Closed Cup),°C      | ≥ 70                     |
| Density@20°C                             | 1.010                    |
| Viscosity@20°C,mPa.s                     | 4                        |
| Pour Point,°C                            | ≤ 10                     |
| Melting Point,°C                         | ≤ 3                      |
| Boiling Point,°C                         | 178                      |
| Vapor Pressure@20°C,hPa                  | < 0.1                    |
| Color (ASTM D1544),Gardner               | 4                        |
| P <sub>B</sub> / P <sub>D</sub> +        | 63 / 400                 |
| Load Wear Index <sup>+</sup>             | 64                       |
| 4 Ball Wear(IP239,40kg,1h), mm           | 0.85                     |
| Reichert Test(300N Load),mm <sup>2</sup> | 2.6                      |
| Copper Corrosion <sup>++</sup>           | ≤ 1b                     |

\* 4 Ball EP, ASTM D2783, 5% in Paraffinic Base Oil

\*\* ASTM D130, 2.3%, 3h, 121

### Product Description

**TPS 44** is a yellow liquid with a low viscosity and a slight odour. It does not contain any chlorinated impurity or insaturated hydrocarbon.

**TPS 44** is totally soluble in most common hydrocarbon solvents such as benzene, toluene, white spirit, fuels. It is fully compatible with mineral and vegetable oils. It is slightly soluble in light alcohols but not soluble in water.

**TPS 44** is an extreme pressure additive for metal working fluids and industrial lubricants (gear oils).

Print date: 29-04-26

**Disclaimer:** Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.