

Technical Data Sheet (TDS)

PYROTRANS 46

ISO VG 46

FULLY SYNTHETIC

FUBEX PYROTRANS Heat Transfer Oils are formulated from very stable paraffinic base oils that are fortified with high temperature oxidation inhibitors that carry away heat from critical components. Castrol Heat Transfer Oils' high viscosity index coupled with a low pour point offers excellent circulation during cold weather startups, eliminates heat from over heated pump motors, and protects against hot spots (high fluid temperature in the heat exchanger).

APPLICATION

FUBEX PYROTRANS Heat Transfer Oil 100 Light recommended for application in closed circulation systems with temperatures up to 287° C (550° F). Castrol Heat Transfer Oil 100 Light is particularly applicable where high transfer rates or good flow rates at fairly low temperature are desired.

FEATURES & BENEFITS

- Low vapor pressure at elevated temperatures and a high boiling point to prevent pressure build-up
Low carbon residue
- Non-foaming and excellent demulsibility.
- Long shelf life

PERFORMANCE STANDARDS

- ISO 46
- DIN 51522

TYPICAL PROPERTIES

| Test | Method | PYROTRANS 46 ISO VG 46 |
|-----------------------------|-------------|---------------------------|
| Viscosity at 40° C, cSt | ASTM D-445 | 46.5 |
| Viscosity at 100° C, cSt | ASTM D-445 | 7.1 |
| Viscosity at 100F, SUS | ASTM D-2161 | 242 |
| Viscosity at 210F, SUS | ASTM D-2161 | 51 |
| Viscosity Index | ASTM D-2270 | 100 |
| Flash Point, °C (°F) | ASTM D-92 | 215(420) |
| Pour Point, °C (°F) | ASTM D-97 | -23(-10) |
| Gravity, API | ASTM D-287 | 31.6 |
| Specific Gravity @60F, g/ml | ASTM D-1298 | 0.8676 |
| Pounds per Gallon | ASTM D-287 | 7.224 |

HEALTH & SAFETY, ENVIORMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS on our website: www.fubex.net

HEALTH & SAFETY:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 C, or exposed to hot sun or freezing conditions.

PROTECT THE ENVIRONMENT

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.