

### DESCRIPTION:

Rymax Themperion 46 is a heat transfer oil used for filling heat transfer units, intended for use in closed indirect heating units. The carefully selected paraffinic base stocks are resistant to thermal cracking and chemical oxidation, thanks to excellent oxidation stability. Rymax Themperion is very thermally stable and is capable of long service without viscosity increase or formation of deposits. The Themperion products are recommended for heat transfer systems in a generator equipped with expansion vessels and a proper circulation speed, where the maximum oil temperature does not exceed 315 °C. They cannot be mixed with synthetic based heat transfer fluids due to settlement of deposits.

Rymax Themperion is also available in ISO VG-32.

### BENEFITS:

- Excellent oxidation and thermal stability
- Exceptional resistance to thermal cracking and decomposition
- Minimizes deposit formation and viscosity increase
- Non corrosive to aluminium, steel, copper, brass or bronze
- Used in both open (180°C) and closed units (315°C)



### PERFORMANCE LEVELS:

- DIN 51522
- ISO 6743-12 - Family Q

### TYPICAL PROPERTIES

ISO-VG	Unit	46
Density 15 °C:	Kg/m <sup>3</sup>	876
Viscosity 40 °C	cSt	46.4
Viscosity 100 °C	cSt	6.8
Viscosity Index		100
Pour Point	°C	-12
Flash Point	°C	222