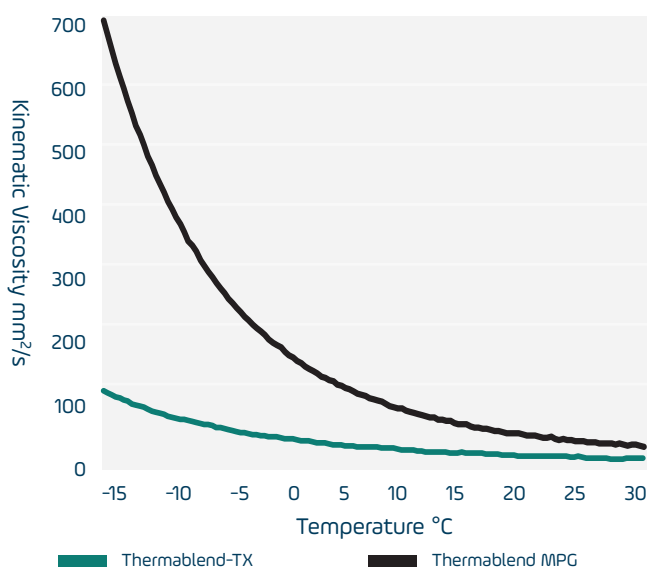


Heating

thermablend-TX

Non-hazardous heat transfer fluid with market leading high thermal conductivity and low viscosity for reduced parasitic loads. Thermablend-TX is biodegradable and contains a specially formulated biocide with increased thermal stability plus an organic acid technology inhibitor package which meets ASTM D-1384 and is free from any nitrite, amine, phosphate, borax, silicate and 2-Ethylhexanoate.

Viscosity Comparison



Viscosity when diluted to 30%

Temperature °C	Kinematic Viscosity mm²/s
-15°C	45.4 mm²/s
0°C	3.68 mm²/s
15°C	1.08 mm²/s
30°C	1.39 mm²/s

Dilution & Freezing Point

Volume %	Freeze Point °C	Refractive Index
25%	-13.3	1.3602
30%	-14.9	1.3632
35%	-19.6	1.3695
40%	-25.1	1.3744
50%	-37.8	1.3850

High Thermal Conductivity

0.2518 Wm⁻¹K⁻¹ measured undiluted at 26°C
0.479 Wm⁻¹K⁻¹ measured diluted to 30% at 24.5°C
0.255 Wm⁻¹K⁻¹ measured undiluted at -0.6°C
0.436 Wm⁻¹K⁻¹ measured diluted to 30% at -1.4°C

Specific Heat Capacity

2369 Jkg⁻¹K⁻¹ measured undiluted at 26°C
3433 Jkg⁻¹K⁻¹ measured diluted to 30% at 24.5°C
2346 Jkg⁻¹K⁻¹ measured undiluted at -0.6°C
3299 Jkg⁻¹K⁻¹ measured diluted to 30% at -1.4°C

Prandtl Number

24°C - 11.64
-1.4°C - 31.27

All of the above tests were performed by an independent laboratory, 2021.

Contains Bitrex, helping to protect children and animals.

Fluid
Thinking



Did you know we have a glycol laboratory?

To find out about our testing services offered to our glycol customers, contact our technical team.

technical@blendedproducts.com

blendedTM
experts in specialty chemicals & gases

ELS-TDS-4-009b | Thermablend-TX | V4 | 070725

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