



PRODUCT DATA SHEET

ANDEROL PQ CAL

HT1 Food Grade Heat Transfer Fluid



ADVANTAGES/BENEFITS

- Excellent thermal stability
- Low risk of oxidative degradation
- High performance
- Clear and transparent
- Almost odourless

COMPATIBILITY

ANDEROL® highly refined oil based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses.

No special precautions related to compatibility are required when changing over from a mineral oil lubricant to this product.

APPLICATION

ANDEROL PQ CAL is recommended for use in liquid phase heat transfer systems used in food processing operations.

The product can be used between -15°C and 325°C . The maximum film temperature of 345°C should not be exceeded.

ANDEROL PQ CAL Food Grade Heat Transfer Fluid is a non-hazardous, non-toxic and odorless heat transfer fluid which is authorized for incidental food contact.

All fluid components comply with FDA 21 CFR 178.3570 "Lubricants with incidental food contact".

ANDEROL PQ CAL is registered by NSF as HT1, and is classified Kosher and Halal.

ANDEROL PQ CAL consists out of base oil, created by special hydro cracking-, solvent de-waxing- and distillation.

PROPERTIES	TEST METHOD	ANDEROL PQ CAL
Viscosity @ 40°C , cSt	ASTM D-445	32-40
Flash Point, $^{\circ}\text{C}$	ASTM D-92	220
Pour Point, $^{\circ}\text{C}$	ASTM D-97	-15
Max. film temperature, $^{\circ}\text{C}$		345
Boiling Point, $^{\circ}\text{C}$	ASTM D-1160	>340
Max. bulk temperature, $^{\circ}\text{C}$		325

PROPERTIES	0°C	100°C	300°C
Density, g/ml	0.874	0.811	0.682
Viscosity, mm^2/s	373.2	5.8	0.68
Thermal conductivity, W/mK	0.154	0.137	0.128
Heat capacity, kJ/kgK	2.11	2.43	3.07
Vapor pressure, bar abs	0	0	0.08

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

REGISTRATIONS



ANDEROL®
Specialty Lubricants

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