

Rodutherm **LH-30**

—— High Performance Modified Synthetic Oil



Heat Transfer Specialist

Typical Property

Appearance		Transparent
Flash Point (Open Cup) /°C		110
Density (@20°C) /kg/m ³		740~770
Pour Point/°C		<-85
Sulfur Content/ppm		<10
Chlorine Content/ppm		<10
Moisture/ppm		<50
Viscosity/mm ² /s	@40°C	2.16
	@0°C	5.02
	@-60°C	167.17

The above experimental data are from standard samples, and the data of different batches of products will be slightly different. Please consult our technical support for more information.

Physical Characteristics

Temperature		Vapor Pressure	Specific Heat	Thermal Conductivity	Viscosity	Enthalpy	Density
°F	°C	kPa	kJ/(kg·K)	W/m·K	mm ² /s	kJ/kg	kg / m ³
-112	-80		1.72	0.1235	3393.38	-114.0	831
-94	-70		1.75	0.1221	611.39	-96.5	824
-76	-60		1.79	0.1207	167.17	-78.4	817
-58	-50		1.82	0.1191	61.70	-59.2	810
-40	-40		1.86	0.1180	30.46	-41.5	804
-22	-30		1.90	0.1166	16.82	-22.6	797
-4	-20	0.002	1.94	0.1152	10.71	-3.77	789
14	-10	0.007	1.98	0.1137	7.00	15.2	782
32	0	0.014	2.01	0.1120	5.02	35.5	776
68	20	0.080	2.09	0.1088	3.11	74.8	759
104	40	0.211	2.17	0.1061	2.16	118.2	747
140	60	0.832	2.25	0.1027	1.62	162.2	732
176	80	2.52	2.33	0.0996	1.24	208.7	717
212	100	6.01	2.42	0.0960	0.973	256.1	701
248	120	10.7	2.49	0.0917	0.823	300.3	686
284	140	22.6	2.58	0.0886	0.715	350.1	669
320	160	41.1	2.67	0.0846	0.585	408.7	652
356	180	72.4	2.75	0.0804	0.524	462.3	634
392	200	103	2.84	0.0762	0.477	517.4	614

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