



CPC Heat Transfer Oil

- CPC Heat Transfer Oils contain high quality paraffinic base oils. The oils are applied to transfer heat.
- Excellent features:
 - (1) Thermal stability: The oils have been hydrofinished to give excellent resistance to oxidation, cracking, and coking.
 - (2) Low volatility: The oils possess low vapor pressure at high temperature and prevent them from vapor lock during pumping.
 - (3) High flash point and fire point: The oils possess higher flash point than others do. The feature makes them safer.
 - (4) Good fluidity at low temperature: The oils possess lower pour point than others do. The feature makes them flow easily at low temperature. And the viscosity index is over 95. Therefore, the change of viscosity is a little at low temperature. It is conducive to intermittent heating operation.
 - (5) High heat transfer efficiency: The oils possess high thermal conductivity. So the oils could transfer heat fast, save energy, and average heat transfer and protect heat transfer equipment.
 - (6) Good compatibility makes the oils easy to be mixed with any paraffin base heat transfer oils at any ratio.
- The oils are recommended for liquid heat transfer systems where overall oil temperature is up to 315~320°C, and the film temperature of the oils could be resistant to 315~370°C.
- Package: 200 liter drum.
- The typical data are listed as follow:

Grade No.	32B	32A	68A
Viscosity Grade, ISO VG	32	32	68
Sp. Gr., 15.6°C/15.6°C, D4052	0.8558	0.8622	0.8676
Viscosity, Kin., cSt @40°C, D445	30.70	46.07	63.32
@100°C, D445	5.37	6.97	8.50
Viscosity Index, D2270	109	108	105
Pour Point, °C, D6749	-21	-24	-24
Flash Point, COC, °C, D92	232	238	258
Color, D1500	L0.5	L0.5	L0.5
Acid Number, mg KOH/g, D664	0.17	0.09	0.12
Carbon Residue, Rams., %, D524	0.03	0.05	0.05
Product No.	LA66132	LA66032	LA66068

Note: Typical properties are based on standard tests under laboratory conditions. Variations that do not affect product performance are to be expected during normal manufacture. Please consult your local CPC representative if you have any questions.