

Heat Transfer 200SP

Maximum Thermal Stability



Features & Benefits

- Excellent oxidation control
- Excellent quench acceleration
- Reduces reservoir maintenance
- Maintains clear heat transfer services
- Low volatility for minimum evaporation loss
- Circulates fast on cold starts.

Specifications & Approvals

Meets Requirements Of:	HT 200 SP (46)	HT 200SP (57)
GM Quenchometer Test	X	X
Cincinnati- Milacron "A" Thermal Stability and Sludging Test	X	X
Panel Coker Thermal Stability Deposit Test	X	X
Modified S200 Viscosity Increase	X	X

HEAT TRANSFER 200SP is specifically designed for maximum performance in closed circulating heat transfer systems equipped with expansion tank and nitrogen blanket. This arrangement prevents excessive oxidation that would otherwise occur when hot oil contacts atmospheric oxygen. Such systems can operate at temperatures up to 316°C or 300 °C with a 46 grade.

HEAT TRANSFER 200SP uses only pure paraffinic base oil from straight fraction distillation, not blended stocks. Extremely effective additives were found that help this oil offer exceptional resistance to thermal cracking, formation of sludge and hard carbon deposits. If not properly controlled these can create hot-spots and block boiler tubes. In open systems, where contact with air cannot be avoided, maximum operating temperature should be kept below 250°C.

HEAT TRANSFER 200SP has been chosen to provide high thermal efficiency in systems operating up to 316°C or 300 °C with a 46 grade. Good fluidity allows for faster circulation on start-up, which is particularly important for mobile systems such as portable asphalt plants.

HEAT TRANSFER 200SP also makes excellent quenching oil.

Sizes & Order Codes

HEAT TRANSFER 200SP (46)	HEAT TRANSFER 200SP (57)
205L Drum (54.2 US gal) F0091950	205L Drum (54.2 US gal) F0036950
1000L (264 US gal) N/A	1000L (264 US gal) F0005760
BULK B0091901	BULK N/A

Typical Results

	HT 200SP (46)	HT200SP (57)
VISCOSITY (D445)		
cSt @ 40°C	45.4	58.0
cSt @ 100°C	7.1	8.4
VISCOSITY INDEX	115	116
DENSITY @ 15°C (D4052) kg/L	0.8682	0.8616
POUR POINT (D97) °C	-15	-15
FLASHPOINT (D93) °C	235	240
TOTAL ACID NUMBER (D664) mg KOH/g	0.14	0.15



Blending & Packaging
www.irvingblend.com
1.800.574.5823

Supporting data available to demonstrate appropriate performance.
Check with your sales Representative for latest product approvals.
Please note, these are typical performance indicators and can change without notice.
This data sheet supersedes any previous version prior to 5-25-2018