



STURGEON

DESCRIPTION

STURGEON heat transfer oil is a premium, high quality oil intended for use in closed indirect heating installations. It is blended from highly refined feed stocks and carefully selected additives resulting in superior resistance to thermal cracking and chemical oxidation. It has good heat transfer efficiency and pumping ability. The oil is very thermally stable and is capable of an extremely long service life without viscosity increase or deposit formation.

FEATURES AND BENEFITS

- Excellent thermal properties giving high heat transfer rates and improved operating efficiency
- High resistance to thermal cracking and decomposition resulting in freedom from sludge and coke deposits and minimum interference with heat transfer capability
- Easy starting of cold systems
- Extended service life

APPLICATION

STURGEON is recommended for use on closed, coil-oil sealed, indirect heating and cooling systems in all kinds of industrial processes. ISO 10 to 32 is recommended for operating temperatures up to 270°C. ISO 46 is recommended for operating temperatures up to 320°C. ISO 68 and 100 is recommended for operating temperatures up to 340°C

TYPICAL SPECIFICATION

ISO GRADE		10	22	32	46	68	150
Kinematic Viscosity at 40°C (cSt)	ASTM D445	11	24	30	46	70	145
Kinematic Viscosity at 100°C (cSt)	ASTM D445	2.5	4.5	5.4	6.7	8.8	14.2
Viscosity Index	ASTM D2270	48	89	105	98	98	96
Flash Point COC (°C)	ASTM D92	160	200	220	225	230	260
Pour Point (°C)	ASTM D97	-18	-15	-15	-12	-10	-10