

SYNTHETIC HYDROCARBON HEAT TRANSFER OIL

XL-0860 is a fully synthetic high-temperature fluid containing the most modern synthetic performance-enhancing additives, and formulated to function over an extremely wide temperature range.

Exceptional stability at high temperatures.

XL-0860 is a synthetic hydrocarbon-based lubricant formulated with stable polymers designed to increase the viscosity index of the fluid.

Cleanliness:

XL-0860 does not leave any carrier residue, therefore eliminating the accumulation of solid matter, which may cause mechanical breakdowns and increase overall maintenance costs. This fluid will, in most applications, dislodge existing sludge and varnish left over from other types of lubricants or heat transfer fluids.

Low Volatility:

When it reaches its maximum recommended temperature (300°C), **XL-0860** will slowly evaporate as an inert gas, leaving no appreciable residues, varnishes or sludge.

TYPICAL SPECIFICATIONS

Product Code: XL-0860	/022	/032
ISO Grade	22	32
Rate of Evaporation (72 hrs @ 204°C) (72 hrs @ 260°C)	< 3% < 8%	< 3% < 8%
Shell 4 ball wear test	0.38	0.38
Rust Test (Distilled water, 48 hrs) (Sea water, 48 hrs)	Pass Pass	Pass Pass
Viscosity (cSt @ 275°C) (ASTM D-445)	0.89	0.97
(cSt @ 200°C) (ASTM D-445)	1.45	1.65
(cSt @ 150°C) (ASTM D-445)	2.4	2.8
(cSt @ 40°C) (ASTM D-445)	23	33
(cSt @ -40°C) (ASTM D-445)	6300	-
(cSt @ -50°C) (ASTM D-445)	25,800	-
(cSt @ -55°C) (ASTM D-445)	58,800	-
Viscosity Index	146	166
Flash Point (°C)	255	285
Fire Point (°C)	285	317
Pour Point (°C)	-60	-40
Auto-ignition Point (°C)	410	410
Maximum Constant Temperature (°C)	280	290
Maximum Intermittent Temperature (°C)	380	400
Specific Gravity (g/ml @ 15°C)	0.88	0.89

