

## ODOURLESS FOOD GRADE CIRCULATING OIL

**XL-0863** series of heat transfer oils are products with a high specific heat formulated to meet all the specific requirements of hot oil circulating systems operating at temperatures of up to 320°C in closed systems, and 210°C in open systems.

This series is blended from highly refined base stocks, which are colorless, tasteless, and odorless. All are water white, (saybolt colour +30) and meet USP cloud and acid tests.

**XL-0863** conforms to the following Food and Drug Administration's (FDA) CFR regulations:

CFR172.880	Covering direct use in food.
CFR178.3700	For indirect use in food.
CFR573.720	For use in animal feed.

The **XL-0863** series also conform to FDA 21 CFR178.3620(b)(i)&(ii), 21 CFR573.680 requirements and are classified as USDA H1 lubricants.

**XL-0863** contains special additives that retard oxidation, protect metallic surfaces against rust and corrosion, prevent air entrapment, and reduce foam.

**XL-0863** is available in standard ISO grades:

TYPICAL SPECIFICATIONS							
Product Code: XL-0863	/010	/015	/022	/032	/046	/068	/100
ISO Grade	10	15	22	32	46	68	100
Viscosity (cSt @ 275°C) (ASTM D-445)	11.3	16.5	23.5	38.7	47.2	69.3	104.0
(cSt @ 200°C) (ASTM D-445)	2.9	3.9	4.9	6.4	7.0	9.0	11.9
Viscosity Index	105	134	136	116	105	104	103
Flash Point (°C)	177	185	193	218	227	242	269
Pour Point (°C)	-20	-18	-18	-18	-18	-16	-13
Specific Gravity (g/ml @ 25°C)	0.850	0.852	0.854	0.857	0.859	0.863	0.871
(g/ml @ 15.6°C)	0.860	0.861	0.863	0.865	0.867	0.869	0.877

