

## Pure Guard White Oils

No. 654



NSF H-1, 3H Certified

ISO 10, 15, 46, 68

### **DESCRIPTION:**

**Pure Guard White Oils** are superior quality lubricants formulated for use in equipment where U.S.D.A. H-1, 3H lubricants are specified because of the chance of introduction into foods or beverages. **Pure Guard White Oils** are scientifically compounded with the highest quality U.S.D.A. approved white oils and the most technically advanced, U.S.D.A. / F.D.A. authorized non-toxic oxidation inhibitors.

**Pure Guard White Oils** are colorless, odorless and tasteless oils that can be used where food or prolonged skin contact may occur or where odor and staining must be minimized.

### **PERFORMANCE CHARACTERISTICS:**

**Pure Guard White Oils meet the requirements of National Formulary (Current revision) and the following U.S. Food and Drug Administration (FDA) regulations:**

- 21 CFR 172.878 Direct use in food,
- 21 CFR 178.3620 (a) Indirect use in food
- 21 CFR 573.680 Use in animal feed

### **TYPICAL APPLICATIONS:**

- For use where a. H-1, 3H lubricant is required
- Where direct food contact may occur
- Where prolonged contact with human skin is necessary
- For use in food, meat and poultry plants
- For use in food packaging manufacturing plants
- Pharmaceutical release agent

### **SUMMARY:**

Food processing and other industries whose equipment requires the use of U.S.D.A. H-1, 3H authorized lubricants have a major problem in protecting against friction, wear, corrosion, and the costly downtime related to these and other lubrication problems. Equipment is constantly subjected to adverse conditions such as water, heat, long operating intervals and high pressures. Each of these factors affect the ability of the system to provide maximum output when needed. Bearing, pump, valve and gear wear are very common. Deterioration of seals and O-rings lead to increased oil consumption. Gum and varnish buildup lead to poor system performance. Oil deterioration and oxidation results not only in excessive wear, but frequent overhauls as well.

**Pure Guard FM White Oils formulated with newly developed U.S.D.A. authorized non-toxic oxidation additives will greatly reduce these problems and provide maximum system efficiency.**

**TYPICAL SPECIFICATIONS:**

<b>ISO Grade</b>	10	15	46	68
<b>Product Grade in SUS</b>	70	90	200	360
Viscosity @ 100°F , SUS	72	87	193	347
Viscosity @ 40° C, cSt:	12.6	16.0	37.5	65.04
Viscosity @ 100° C, cSt:	3.0	3.47	6.03	8.58
Flash Point, °F	370	374	424	475
Pour Point, °F:	-27	-17	10	10
Specific Gravity	.8525	.8645	.8681	.8697
21 CFR 172.878	Pass	Pass	Pass	Pass
USP/NF	Pass	Pass	Pass	Pass
NSF Registered	H1, 3H	H1, 3H	H1, 3H	H1, 3H

*Typical test data are average values only*

*Pure Guard White Oils have a shelf life of 3 years from the date of manufacture, after which the product should be recertified prior to use.*