

# VESTAN® HT/AW Clear



Food industry

## Food Machinery High Temp / Anti-Wear Grease.

### APPLICATIONS

Multi-purpose, Aluminum Complex Grease.

H1 Registered Food Grade Grease.

- **VESTAN HT/AW CLEAR** greases are high performance food grade lubricants that provide excellent bearing lubrication in all kinds of bearings throughout the modern food processing plant. The addition of special anti-wear additives gives **VESTAN HT/AW CLEAR** as much as 50% higher wear resistance over traditional food grade greases. Their use assures long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).
- **VESTAN HT/AW CLEAR** has been successfully used in packing, valves, guides, slides, Angelus Can Seamers, and plain and anti-friction bearings.
- **NSF H1 Registered meets USDA 1998 H1 Guidelines for incidental contact with food.**

### ADVANTAGES

- Less washout and corrosion.
- Longer bearing life.
- High temperature stability.
- Protection against wear.

| TYPICAL CHARACTERISTICS                   | METHODS     | VESTAN HT/AW CLEAR      |          |          |
|---|-------------|-------------------------|----------|----------|
|   |             | HT/AW 0                 | HT/AW 1  | HT/AW 2  |
| Property                                  |             |                         |          |          |
| NSF Registration Number                   |             | 123538                  | 123539   | 123540   |
| NLGI Grade                                |             | 0                       | 1        | 2        |
| Penetration, Worked 60 strokes            | ASTM D 217  | 355-385                 | 310-340  | 265-295  |
| Dropping Point, °C                        | ASTM D 2265 | 200 min.                | 200 min. | 200 min. |
| Appearance                                | Visual      | Transparent, Pale Amber |          |          |
| 4 Ball Wear, 40kg, 120rpm, 167°F, 1hr, mm | ASTM D 2266 | 0.53                    | 0.53     | 0.53     |
| Operating Range, °F                       |             | 0-350                   | 0-350    | 0-350    |
| Rust Test                                 | ASTM D 1743 | Pass(1)                 | Pass(1)  | Pass(1)  |
| Copper Corrosion                          | ASTM D 4048 | 1A                      | 1A       | 1A       |
| Base Oil Properties:                      |             |                         |          |          |
| Viscosity @ 40°C, cSt                     | ASTM D 445  | 110                     | 110      | 110      |
| Viscosity @ 100°C, cSt                    | ASTM D 445  | 12.5                    | 12.5     | 12.5     |
| Viscosity Index                           | ASTM D 2270 | > 95                    | > 95     | > 95     |
| Flash Point, COC, °C                      | ASTM D 92   | 224                     | 224      | 224      |
| Pour Point, °C                            | ASTM D 97   | -7                      | -7       | -7       |

Shelf Life: Use by 36 months or 3 years.

## TOTAL Specialties USA, Inc.

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.