

VESTAN SYNTHETIC AW



LUBRICATION



Synthetic high-performance food-grade hydraulic/machine oil

APPLICATIONS

Fluid for extremely hot or extremely cold environments around food or food packaging

- **VESTAN SYNTHETIC AW OILS** is a series of high performance, colorless food grade oils designed for applications where the oil may come in incidental contact with edible products or food packaging under extremely hot or extremely cold operating conditions. **VESTAN SYNTHETIC AW OILS** meet the requirements of FDA Specification 21 CFR 178.3570 and may be used in federally inspected meat and poultry plants. These products may be used as compressor or machine lubricants or anti-rust films on equipment where there is exposure of the lubricated parts to edible products.
- **VESTAN SYNTHETIC AW OILS** are recommended for a wide variety of applications including high and low pressure hydraulic systems, bearings, gears, circulation systems and other applications that require synthetic quality food grade lubricating oil instead of mineral based food grade oils. It is recommended for use where incidental contact with food products may occur, such as bakeries, beverage plants, container manufacturing plants, bottlers, canneries, meat packing plants and water utilities. **VESTAN SYNTHETIC AW OILS** can operate hydraulic systems operating under arctic conditions.

PERFORMANCE

International and OEM Specifications

- ISO 6743/4; class L-HS; ISO 6743/6 class L-CKS
- USDA H-1 quality product
- VICKERS 35VQ25 and V104C
- DENNISON HF-0

ADVANTAGES

Food grade hydraulic fluid for extreme environments

- Excellent extreme temperature operations where anti-wear or oxidation performance is needed. Excellent protection of hydraulic and machine parts
- USDA H-1 rated allows incidental food contact
- Compatibility with elastomers
- Very good thermal stability ensuring a longer service life than conventional lubricants.
- Strengthened foaming protection.
- Excellent oil-water separation behavior (10 minutes to separate on ASTM D1401).

TYPICAL CHARACTERISTICS—VESTAN SYNTHETIC AW OILS

ISO grade	15	32	46	68	100
Specific gravity @ 60 °F, ASTM D 1298	.816	.826	.831	.837	.844
Viscosity at 40°C, cSt ASTM D 445	15	29.6	46.7	64.2	96.2
Viscosity index ASTM D 2270	122	140	135	134	127
Pour point, °F ASTM D 97	-85 (-65)	-81(-63)	-71 (-57)	-65 (-54)	-60 (-51)
Flash point, COC, °F ASTM D 92	370 (188)	460 (238)	482 (250)	485 (252)	490 (254)
Color, ASTM D 1500	L0.5	L0.5	L0.5	L0.5	L0.5

TOTAL Lubricants USA Southwest

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Vestan Synthetic AW Oils
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