



## **VESTAN SYNTHETIC AW OIL** **(Synthetic Food Grade Hydraulic Fluid)**

**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. **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 blended from synthetic (PAO) base oils and non-toxic performance additives to provide excellent hydraulic component protection and longevity. They contain potent oxidation inhibitors to minimize sludge and varnish deposits and maximize oil life. It is colorless, odorless and tasteless.

**VESTAN SYNTHETIC AW OILS** are low-sheen fluids with low toxicity towards aquatic life. They can operate hydraulic systems operating under arctic conditions.

### **BENEFITS:**

- WIDE TEMPERATURE RANGE FLUID WITH LONG LIFE
- ODORLESS AND TASTELESS
- EXCELLENT WEAR PROTECTION
- RESISTANCE TO OXIDATION, SLUDGE AND VARNISH DEPOSITS
- RAPID WATER SEPARATION

### **APPLICATIONS:**

**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 a synthetic quality food grade lubricating oil. 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 OIL

## (Synthetic Food Grade Hydraulic Fluid)

### TYPICAL CHARACTERISTICS

ISO Viscosity Grade	15	32	46	68	100
Product Code	41950	41951	41952	41953	41954
API Gravity (ASTM D-1298)	41.9	39.8	38.8	37.5	36.2
Specific Gravity	.816	.826	.831	.837	.844
Viscosity (ASTM D-445):					
cSt @ 40°C	15	29.6	46.7	64.2	96.2
cSt @ 100°C	3.58	5.64	7.68	9.73	13.13
SUS @ 100°F	82	152	235	329	494
SUS @ 210°F	38.3	45.1	51.9	59.2	71.4
Viscosity Index (D-2270)	122	140	135	134	127
Pour Point (ASTM D-97) °F (°C)	-85 (-65)	-67 (-55)	-63 (-53)	-50 (-46)	-45 (-43)
Flash Point (ASTM D-92) °F (°C)	370 (188)	460 (238)	482 (250)	485 (252)	490 (254)
Color (ASTM D-1500)	L0.5	L0.5	L0.5	L0.5	L0.5
Phosphorus, ppm	700	700	700	700	700
Rust Resistance (ASTM D-665)					
Distilled Water	Pass	Pass	Pass	Pass	Pass
Synthetic Sea Water	Pass	Pass	Pass	Pass	Pass
USDA Classification	H-1	H-1	H-1	H-1	H-1

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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