

VESTAN AW OILS



**FOOD PROCESSING
INDUSTRIES**



TOTAL

Food grade anti-wear hydraulic/machinery oil

APPLICATIONS

**Hydraulic systems and
lubricating oils**

**H1 registered
food grade lubricant.**

- **VESTAN AW OILS** is a series of high performance low color food grade antiwear hydraulic (up to ISO 100) and machine oils designed for applications where the oil may come in incidental contact with edible products or food packaging. It is available in a wide range of viscosities up to ISO 460.
- **VESTAN AW OILS** have been successfully used in high pressure hydraulic systems, low and high speed bearings, airline lubricators (ISO grades 22 and 32), as a rust protection spray after wash down, in hand oiled bearings, slides, guides, and chains, and on conveyors.
- Grades 32, 46 and 68 are NSF H-1 registered and meet USDA 1998 H1 guidelines for incidental contact with food. Grades 100 and up meet USDA guidelines but are no longer registered with NSF. Use Nevastane AW/EP series for NSF registered products of higher viscosity.

ADVANTAGES

- Extended drain intervals.
- Low and high temperature service.
- High temperature stability.
- Rust, oxidation, and anti-wear protection.
- Compatible with elastomers and seals.
- Good film strength.

TYPICAL PROPERTIES—VESTAN AW OILS

ISO grade	32	46	68	100	150	220	320	460
NSF Registration Number	403022	403023	403024					
Specific gravity @ 60°F ASTM D1298	0.864	0.865	0.867	0.871	0.875	0.875	0.881	0.882
Viscosity @ 40°C, cSt ASTM D 445	35.2	46.0	70.1	96	138	227	318	479
Viscosity @ 100°C, cSt ASTM D 445	5.6	6.8	8.9	11.7	14.7	19.4	23.8	29.9
Viscosity index, ASTM D 2270	98	98	98	110	107	97	95	94
Color, ASTM D 1500	L 0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
Flash point, COC, °F ASTM D 92	420	440	465	425	425	390	385	415
Flash point, COC, (°C)	(216)	(226)	(241)	(218)	(218)	(199)	(196)	(213)
Pour point, °F(°C) ASTM D 97	-10 (-23)	-10 (-23)	-6 (-21)	-4 (-20)	3 (-17)	10 (-12)	10 (-12)	10 (-12)
Rust test, ASTM D 665 A&B	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

TOTAL Lubricants USA, Inc.

400 Chisholm Place, Suite 418
Plano TX 75075
800-442-5823 or 469-241-0950
www.total-us.com

Vestan AW
Sheet Updated 7/15/2011

5 North Stiles Street
Linden, NJ 07036
908-862-9300 or 800-526-4127
www.total-us.com

TOTAL Lubricants USA has a policy of continuous improvement and reserves the right to change specifications as our technology progresses. We are not responsible for the misuse and/or misapplication of our products. MSDS are found at on our web sites.