



Schaeffer Manufacturing Co. DuQuoin
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Synthetic AW Hydraulic Oils

Venom® Synthetic AW Hydraulic Fluids are superior anti-wear hydraulic and circulating fluids specially formulated with high quality synthetic base stocks and thermally stable zinc anti-wear additives. These oils offer outstanding resistance to sludge formation, are chemically stable, and exhibit excellent anti-wear properties. Synthetic AW Hydraulic Fluids also contain anti-foam agents to limit air entrainment in hydraulic systems, and demulsifiers to separate water from the oil in the sump.

Venom® Synthetic AW Hydraulic Fluids are recommended for service in vane, piston, and gear pumps when used according to the manufacturers' recommendations. The oils provide maximum service life to these pumps as well as other system components.

Venom® Synthetic AW Hydraulic Fluids meet the following specifications:

Denison HF-0, 1, and 2
Vickers M-2950-S, I-286-S
Cincinnati Milacron P-68, 69, 70
General Motors LS-2
US Steel 126, 127, and 136

Typical Properties:

Product: Venom Synthetic Anti-Wear Hydraulic Oils			
ISO Viscosity	32	46	68
Product Code	90109	90251	90252
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	5.5	7.0	9.2
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	32.0	46.0	68.0
Viscosity Index (ASTM D-2270)	108	109	111
Turbine Oxidation, hours (ASTM D-943)	5000 +	5000 +	5000 +
Emulsion Separation, min (ASTM D-1401)	10	10	15