

# PREMIUM AW HYDRAULIC OIL

ANTI-WEAR HYDRAULIC SYSTEM LUBRICANT

## Description

Bosse Lubricants® Premium AW Hydraulic Oil is manufactured from high VI paraffin base oils and fortified with anti-wear, corrosion, oxidation and foam inhibitors to provide maximum protection for motors and hydraulic systems. Each oil meets the specifications of all major hydraulic pump manufacturers: Vickers, Oilgear, Pesco, Delaval, Dension, Racine, Hydreco, Sunstrand, Dynex, John Barnes & Bellows, and Valvair, and are excellent replacements for the oils you are currently using.

Bosse Lubricants® Premium AW Hydraulic oils are recommended for vane, gear and piston type hydraulic pumps operating at pressures over 1000 psi and are also the suggested lubricant for systems which operate under less severe conditions. These oils are widely used in machine tools, presses, plastic injection molding machines, die casting equipment, circulating systems and hydraulic control systems. They are also used in the lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors and moderately loaded gear sets.

Characteristic	AW 22	AW 32	AW 46	AW 68	AW 100	AW 150	AW 220
Grade ISO	22	32	46	68	100	150	220
Viscosity SUS @ 100°F	100	165	237	353	523	785	1150
Viscosity SUS @ 210°F	40.5	44.2	49.0	55.5	65	80	94
Viscosity cSt @ 40°C	22	32	46	68	100	150	220
Viscosity cSt @ 100°C	4.2	5.35	6.73	8.41	11.4	14.5	18.5
Viscosity Index (ASTM D-2270)	98	98	98	97	98	96	96
Flash Point @ 40°F (ASTM D-92)	206	215	233	250	265	272	275
Specific Gravity (ASTM D-1298)	0.85	0.86	0.87	0.87	0.87	0.88	0.88
Pour Point °C (ASTM D-2270)	-12	-12	-12	-12	-12	ND	ND
Copper Corrosion (ASTM D-130)	0.5	0.5	0.5	0.5	1.0	3.5	4.0
Rust Test (ASTM D-665A)	Pass	Pass	Pass	Pass	Pass	Pass	Pass



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