

PREMIUM ZINC-FREE AW HYDRAULIC OIL

ANTI-WEAR HYDRAULIC SYSTEM LUBRICANT—ZINC FREE

Description

Bosse Lubricants® Premium AWZF Hydraulic Oils are high performance anti-wear hydraulic fluids designed to meet a wide range of hydraulic applications and requirements without the use of zinc. They are formulated using high grade virgin mineral oils coupled with an outstanding zinc free anti-wear package. Combined they provide outstanding protection against wear, have a high degree of purity and have excellent thermal stability for long system life.

Bosse Lubricants® Premium AWZF Hydraulic Oils have been designed to meet the stringent requirements of severe hydraulic systems using high pressure pumps. They have been blended to meet a wide range of applications including high precision CNC machines.

Advantages

- Zinc Free Anti-Wear Package
- Designed For Severe Applications with High Pressure Pumps
- Extreme Thermal and Oxidation Stability
- Superior Hydrolytic Stability
- Excellent Demulsibility Performance
- Outstanding Rust Protection
- Lower Filter Blockage Tendency

Characteristic	AW 22ZF	AW 32ZF	AW 46ZF	AW 68ZF	AW 100ZF	AW 150ZF	AW 220ZF
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	.088	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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