



Technical Data Sheet

- Reliable Protection
- Industrial Applications

UPSOL HYDRAULIC AW 22, 32, 46, 68, 100

Anti-Wear Hydraulic Oil

ISO VG 22, 32, 46, 68, 100

UPSOL HYDRAULIC AW Series are industrial hydraulic oil formulated from high quality, High Viscosity Index (HVI) mineral base oil which contains performance additive in order to provide excellent wear control, foaming prevention, rust and corrosion protection.

TYPICAL CHARACTERISTICS						
PROPERTIES	METHOD	AW 22	AW 32	AW 46	AW 68	AW 100
ISO Viscosity Grade		22	32	46	68	100
Density at 15°C, kg/l	ASTM D - 4052	0.868	0.873	0.876	0.885	0.890
Kinematic Viscosity at 40°C, cSt	ASTM D - 445	21.82	30.40	46.29	65.54	95.61
100°C, cSt		4.33	5.17	7.02	8.47	11.14
Viscosity Index	ASTM D - 2270	108	98	109	101	103
Flash Point, °C	ASTM D - 92	180	219	220	236	240
Pour Point, °C	ASTM D - 5950	-30	-30	-30	-30	-24

APPLICATIONS

UPSOL HYDRAULIC AW Series are recommended for general hydraulic equipment also for circulating or oil baths lubrication systems. They should not be used with silver plated components.

PERFORMANCE LEVELS

UPSOL HYDRAULIC AW series approved by Industrial hydraulic equipment such as Denison HF-O, Vickers I-286S and M-2950-S, Cincinnati Milacron (P-68 for AW 32, Cincinnati Milacron P-69 for AW 68, Cincinnati Milacron P-70 for AW 46). Those approval shows that Hydraulic AW quality meets international standard and proven by well recognized equipment manufacturer. HYDRAULIC AW also meet DIN 51524 part 2 specification.

