

## WT HYDRAULIC FLUID – AW

### DESCRIPTION:

WT Hydraulic Fluid AW is based on highly refined mineral oil and enhanced with advanced additive package. Its excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. It has a high load-carrying capacity and provides good protection against corrosion, foaming, and sludge building. Good anti-wear performance prevents wear of internal components and reduces downtime.

### APPLICATION:

For mobile and static hydraulic applications of industrial and other equipment. Hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards etc.

### FEATURES & BENEFITS:

- Low pour point and good flow characteristics
- Good viscosity-temperature properties
- Excellent oxidation stability
- Protection against corrosion, foaming, and sludge building

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- DIN 51524-2 HLP
- ASTM D6158-05 HM
- Eaton (Vickers) M-2950 S, I-286 S
- ISO 11158 HM
- Cincinnati P-68 (ISO 32)
- Cincinnati P-70 (ISO 46)
- Cincinnati P-69 (ISO 68)
- Denison HF-0, HF-1, HF-2
- AFNOR NF-E 48-603

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL HYDRAULIC FLUID AW						
ISO VG			15	22	32	37	46	68	100
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	15	22	32	37	46	68	100
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	D-2270	-	90	95	105	103	104	99	95
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.840	0.860	0.863	0.865	0.868	0.869	0.870
Flash Point (min)	D-92	°C	180	216	224	230	232	238	248
Pour Point (max)	D-97	°C	-27	-24	-24	-24	-24	-24	-18