

WT HYDRAULIC FLUID – HVLP

DESCRIPTION:

WT Hydraulic Fluid HVLP is a high viscosity index antiwear hydraulic oil. It is formulated to have a high viscosity index and a low pour point for use over a wider temperature range than conventional antiwear hydraulic oils. It provides excellent wear protection for hydraulic pumps and motors, has excellent oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provides long service life, and protects hydraulic system components against rust and corrosion.

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. Sometimes recommended for: hydraulic systems of metalworking machines, or circulation systems of industrial machinery.

FEATURES & BENEFITS:

- Excellent demulsibility
- Very good corrosion protection to steel
- Good corrosion protection to copper
- High ageing stability / high oxidation stability
- Good AW wear protection
- Very good hydrolytic stability
- Excellent filtration behavior (dry, wet)
- Low foaming
- Excellent air release

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- DIN 51524 Part 3, Type HVLP

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL HYDRAULIC FLUID HVLP					
ISO VG			15	22	32	46	68	100
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	15	22	32	46	68	100
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	3.74	4.77	6.0	7.9	10.6	14
Viscosity Index	D-2270	-	140	140	146	143	144	142
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.835	0.845	0.860	0.865	0.870	0.880
Flash Point (min)	D-92	°C	180	204	200	200	200	200
Pour Point (max)	D-97	°C	-33	-33	-35	-35	-35	-35