



HVI AW HYDRAULIC OIL SERIES

HIGH PERFORMANCE HIGH VISCOSITY ANTI-WEAR HYDRAULIC OIL

T23 HVI AW HYDRAULIC OIL series is a premium line of universal high viscosity anti-wear hydraulic fluid blended using highly refined hydro-treated base stocks combine with high performance anti-wear additives, to ensure maximum protection to the hydraulic pumps in the hydraulic system.

T23 HVI AW HYDRAULIC OIL series possesses excellent thermal and oxidation stability characteristic. It also exhibits excellent hydrolytic stability providing protection to hydraulic systems even in the presence of moisture.

T23 HVI AW HYDRAULIC OIL series contains rust and corrosion inhibitors as well as anti-foaming agent providing complete protection to the hydraulic system. **T23 HVI AW HYDRAULIC OIL series** offers a wide range of viscosity to suit all working requirements.

APPLICATIONS

T23 HVI AW HYDRAULIC OIL series is recommended for use in hydraulic equipment including hydraulic presses, machines tools, agricultural and mining equipment and PTO system.

BENEFITS

- Good thermal stability and anti-oxidation characteristic;
- Outstanding hydrolytic stability ensuring longer fluid lifespan;
- Excellent protection against wear to the hydraulic pumps;
- Resist foaming.

Consult Owner Guide for specific application and suitability of the oil grade selected.

SPECIFICATIONS & STANDARDS

T23 HVI AW HYDRAULIC OIL series meets the performance standards of:

- Denison HF-0, HF-1, HF-2
- DIN 51524 part II
- FZG A/8.3/90 load stage 10 Pass
- Cincinnati Machine P-68, P-69, P-70
- ISO 20763 (Conestoga) vane pump test

TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	TYPICAL RESULTS				
ISO Viscosity Grade		32	46	68	100	
Specific Gravity @15°C	ASTM D-4052	0.865	0.877	0.880	0.890	
Flash Point, °C	ASTM D-92	220 (min)	220 (min)	220 (min)	220 (min)	
Pour Point, °C	ASTN D-97	-15	-15	-12	-12	
Kinematics Viscosity	@ 40°C (cSt)	ASTM D-445	31.6	44.5	66.1	99.6
	@ 100°C (cSt)	ASTM D-445	6.21	7.80	10.60	14.00
Viscosity Index	ASTM D-2270	150	146	150	155	
Colour	ASTM D-1500	0.5	0.5	0.5	0.5	

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