

UNITED HYDRO VESTA HYDRAULIC OIL HT-4

Product Description

Hydrotreated Transmission & Drive Train oil (TDTO) specially designed for hydraulic and hydrostatic systems. The oils passes the Caterpillar TO-4 specification that not only includes frictional, but also gear wear protection requirements.

These oils offers maximum protection against mechanical wear, rusting and corrosive wear in all hydraulic and hydrostatic transmission systems. Providing excellent friction control, less brake noise and reduced gear wear, the product helps to prolong the life of brakes, transmissions as well as hydraulic systems.

Applications / Benefits

- * Prevents wear
- * Friction control
- * Good oxidation stability
- * Good elastomer compatibilty

Typical Characteristics

Test Description	Method	Unit	10W30	10W	30	50
SAE Viscosity Grade	SAE J 300	-	10W30	10W	30	50
Density @ 15 °C	ASTM D 4052	kg/L	0.868	0.871	0.879	0.898
Flash Point	ASTM D 92	°C	214	212	236	248
Pour Point	ASTM D 97	°C	-30	-24	-18	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	72	34.13	97.25	204.4
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.18	5.806	11.39	18.23
Viscosity Index	ASTM D 2270	-	147	112	104	98

Specifications, Approvals & Recommendations

- * ALLISON C4
- * API MT-1
- * CATERPILLAR CAT-TO-4 and TO-4M
- * KOMATSU KES 07.868.1
- * ZF TE-ML 03C
- * ZF TE-ML 07F

Reference No.
2894G2HT4REV0

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5/10/2023