

POWERSHIFT TRANSMISSION & HYDRAULIC OILS FOR HEAVY EQUIPMENT MANUAL TRANSMISSION

Product Description

high quality Tractor Hydraulic Fluids (THF) or also known as Universal Tractor and Transmission Oils (UTTO) formulated from hydrocracked base oil, selected additives and shear stable viscosity modifier.

Applications

PERTAMINA TRACTOR OIL SAE 10W-30 is recommended to be used in transmissions, wet brakes, hydraulic systems and final drives of modern farm and industrial wheel and crawler tractors where fluids meeting API GL-4 and major THF or UTTO specifications are recommended.

Typical Characteristics

Characteristics	Test Method	PERTAMINA TRACTOR OIL
SAE Viscosity Grade	-	10W-30
Density at 15 °C, kg/L	ASTM D4052	0.8717
Kinematic Viscosity at 40°C, cSt	ASTM D7279	66.99
at 100°C, cSt	ASTM D7279	11.04
Viscosity Index	ASTM D2270	157
Pour Point, °C	ASTM D5950	-45
Total Base Number, mg KOH/g	ASTM D2896	7

Specifications / Approvals

- API GL-4
- Volvo CE WB-101
- ZF TE-ML 03E, TE-ML 03F, TE-ML 05E, TEMPL 05F, TE-ML 06K
- Massey Ferguson M-1110, M-1127A & M-1127B, M-1129A, M-1135, M-1141, M-1143, M-1145
- John Deere JDM J20A & J20B; JDM J20C & J20D; JDM J14B & J14C; JDM J21A; JOT 303; Quatrol
- Ford & New Holland FNHA-2-C-200, FNHA-2-C-200A, FNHA-2-C-201, MAT 3525 & 3526; ESN-M2C41-B; ESNM2C43;
- ESN-M2C48-A & ESN-M2C48-B
- ESN-M2C53-A & ESN-M2C53-B
- ESN-M2C92-A; ESN-M2C134-A, B, C, D
- New Holland 410B
- AGCO/Allis Power Fluid 821 XL
- Allis-Chalmers Power Fluid 821
- Deutz-Allis 272843, 257541, 246634
- Minneapolis-Moline Q-1766, Q-1722, Q-17668
- Oliver Q-1705
- New Idea Q-1802 Type 55
- Caterpillar TO-2
- Case-IH MS-1206, MS-1207; MS-1210, JIC 145
- JI Case JIC 143/144
- International Farmall MS-1204, JIC 185
- International Harvester B-5, B-6
- Steiger SEMS 17001
- Vickers 35VQ25 & M-2952-S
- Sperry-Vickers 1-286-S & M-2950-S
- Versatile Specification 23M124
- Hesston-Fiat AF-87, Multi-F, Multi-G
- Komatsu Dresser B-06-0001 & B-06-0002
- Kubota UDT
- Renk Doromat 873;874 A & 874 B

Health and Safety

Please contact our Industrial Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection

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Disclaimer:

Information presented in this Product Data Sheet is as accurate as possible prior to printing. Such information is based upon standard industry tests under controlled laboratory conditions and presented as a guide only. To assess product suitability for its intended application, it is recommended that users refer to the latest version of the Product Data Sheet because the information contained herein is subject to change, without notice, due to the upgrades in product formulation, manufacturers' equipment specifications, user applications and storage.