

UNITED VESTA HYDRAULIC OIL HC

Product Description

Mineral hydraulic oil specially designed for various hydraulic and hydrostatic systems as well as almost all tractors' transmission systems. The oils have passed the requirements for the Universal Tractor Transmission Oil (UTTO) specification that not only includes frictional, but also gear wear requirements.

This product also meets other transmission standards and offers maximum protection against mechanical wear, rusting and corrosive wear in almost all hydraulic and hydrostatic transmission systems. The additives used provides excellent friction control, less brake noise and reduced gear wear, hence prolonging the life of the brake, transmission as well as hydraulic system.

Applications / Benefits

- * Meets all tractors transmission and power brake requirement
- * Increased friction durability
- * Improved deposit control
- * Good oxidation stability

Typical Characteristics

Test Description	Method	Unit				
SAE Viscosity Grade	SAE J 300	-	10W	20W	80W	30
Density @ 15 °C	ASTM D 4052	kg/L	0.872	0.872	0.875	0.886
Flash Point	ASTM D 92	°C	218	225	224	234
Pour Point	ASTM D 97	°C	-30	-27	-39	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	32.2	54.6	54.9	102.6
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.5	8.8	9.4	11.4
Viscosity Index	ASTM D 2270	-	104	138	155	97

Typical Characteristics

Test Description	Method	Unit			
SAE Viscosity Grade	SAE J 300	-	50	10W20	10W30
Density @ 15 °C	ASTM D 4052	kg/L	0.895	0.872	0.876
Flash Point	ASTM D 92	°C	248	236	218
Pour Point	ASTM D 97	°C	-15	-39	-30
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	200.5	54.5	63.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	18.1	8.9	10.6
Viscosity Index	ASTM D 2270	-	99	143	158

Specifications, Approvals & Recommendations

* AGCO MASSEY-FERGUSON	M-1145
* AGCO MASSEY-FERGUSON	WHITE Q-1826
* API	GL-4
* ALLISON	C-4
* CASE NEW HOLLAND	MAT 3505
* CASE NEW HOLLAND	MAT 3525
* CASE NEW HOLLAND	ESN M2C86B, C
* CATERPILLAR	TO-2
* EATON VICKERS	I-286-S
* EATON	M-2950-S
* EATON	M-2952-S
* EATON	35VQ25
* JCMAS	HK P-041
* JCMAS	HK P-042
* JOHN DEERE	J-20C
* KUBOTA	UDT
* PARKER DENISON	HF-0
* PARKER DENISON	HF-1
* PARKER DENISON	HF-2
* SUPER	UDT
* SUPER	UDT2
* VOLVO	VCE 1273.03
* VOLVO	WB-101
* ZF	TE-ML 03E
* ZF	TE-ML 03F
* ZF	TE-ML 05F
* ZF	TE-ML 06E
* ZF	TE-ML 06F
* ZF	TE-ML 06K
* ZF	TE-ML 17E
* ZF	TE-ML 21F

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 9397G2UTTOHCDREV2

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