PRODUCT DATA SHEET

Oscar UTTO SAE 80W

DESCRIPTION

Oscar UTTO SAE 80W is an extra high-performance, heavy-duty transmission and drive-train lubricants engineered to meet or exceed the requirements of the rigorous Caterpillar TO-2 specification. This product line is uniquely designed to optimize the performance of powershift transmissions, gearboxes, and final drives. In hydraulic applications, they provide maximum protection even in high pressure systems

PROPERTIES

This lubricant assures:

- Optimized clutch-friction retention and slippage control
- Increased levels of anti-wear and load carrying capability
- Reduced gear wear and extended life in transmissions, gearboxes, and final drives
- Outstanding hydraulic oil stability and protection against high-pressure pump wear

APPLICATIONS

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off-highway applications
- Off-highway industries including: mining, construction, quarrying, and agriculture
- Manual, powershift, and automatic transmissions where Allison C-4 fluids are called for including Twin Disc and transmissions calling for Type F fluids
- Most mobile equipment hydraulic applications

Meets the requirements of: SAE 80W, ISO VG 46, API GL-4, HLP-D/HVLP-D (ISO VG 46-68), DENISON HF-0, HF-1, HF-2, SPERRY VICKERS I-286-S, M-2950-S, ALLISON C4, MIL-L-2105, CATERPILLAR TO-2, ZF TE-ML 05F, 17E, ALLISON C3, CASE MS-1204, MS-1205,MS-1206,MS-1207,MS-1209,MS-1210, CASE NEW HOLLAND MAT 3525, 3505, DEUTZ Hydraulic Trans Fluid, DENISON HF 1/2/3, JOHN DEERE J 20C/D, MASSEY FERGUSON M-1110, M-1127 A, B; M-1129 A; M-1135; M-1139; M-1141; M-1143; M-1145, VALMET/VOLVO BM, ZF TE-ML 03E/06

TYPICAL PROPERTIES

Oscar UTTO SAE 80W		
Typical Properties	**SAE Grade**	**80W**
	Performance	**TO-2**
Test Parameters	**ASTM Method**	**Typical Values**
Density @ 15˚C, kg/l	ASTM D1298	0.88
Viscosity @ 100˚C, cSt	ASTM D445	9.8
Viscosity @ 40˚C, cSt	ASTM D445	55
Viscosity Index	ASTM D2270	160
Flash Point, ˚C	ASTM D92	232
Pour Point , ˚C	ASTM D97	-38

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The values shown above are typical values at the date of publication. Oscar Lubricants reserves the right to change these typical values without prior notice.

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