

Athen Marine UTTO 80W

High-performance transmission-hydraulic-wet brake fluid for tractors

Product Description

The **Athen Marine UTTO SAE 80W** is a series of high performance fluids for use in transmissions, hydraulic systems, oil-immersed brakes of tractors and off-road equipment. These fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives, and hydraulic systems, and to optimize the performance of agricultural and commercial tractors.

Features & Benefits

- ➔ High 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
- ➔ Reliable Outstanding hydraulic oil stability and protection against high-pressure pump wear

Applications

- ➔ Heavy-duty transmissions, gear boxes, final drives, and hydraulic systems are 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

Athen Marine UTTO 80W		
Performance level meets/exceeds		
API GL-4, DENISON HF-0, HF-1, HF-2, ALLISON C4		
MIL-L-2105, CATERPILLAR TO-2, ZF TE-ML 05F, 17E		
CASE MS-1204, MS-1205, MS-1206, MS-1207, MS-1209, MS1210, 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; M1141; M-1143; M-1145		
VALMET/VOLVO BM, ZF TE-ML 03E/06		
Test Parameters	ASTM Method	Typical Value
Density @ 15°C, kg/l	D 1298	Report
Viscosity @ 100°C, cSt	D 445	9.70
Viscosity @ 40°C, cSt	D 445	Report
Viscosity Index	D 2270	150
Flash Point, °C	D 92	210
Pour Point, °C	D 97	-36
Brookfield Viscosity, cP (@ -18° C)	D 2983	3750

"Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations that do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS"