



ATLANTIC HYDROGEAR HD-G 80W

High Performance, Multipurpose Tractor Power Transmission Fluid

PRODUCT DATA

DESCRIPTION

ATLANTIC HYDROGEAR HD-G 80W is a 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.

APPLICATIONS

ATLANTIC HYDROGEAR HD-G 80W is formulated especially for the requirements of modern tractors and constructional vehicles that have a combined oil circulation for transmission, differential, oil bath brakes and clutches as well as end drives and hydraulic systems. Due to the special additization this product is approved for AWB-axes of VOLVO wheel loaders.

PROPERTIES

ATLANTIC HYDROGEAR HD-G 80W is formulated from high quality mineral oils and an advanced additive system to achieve outstanding improvements in wet brake and power take off (PTO) chatter control as well as enhanced viscosity retention (shear stability) in field service. It has improved extreme pressure properties which provide superior protection against wear under the most severe operating conditions. Resistance to oxidation and thermal degradation is outstanding and ensures protection against sludge and varnish deposits. **ATLANTIC HYDROGEAR HD-G 80W** resists foaming and provides excellent protection against rust and corrosion. Its low temperature fluidity ensure effective lubrication and hydraulic performance in cold weather conditions.

PRODUCT BENEFITS

- High viscosity index coupled with high shear stability provides consistent performance
- Reduces wear of gears, pumps and hydraulic valves
- The oxidation stable base oil enables prolonged service intervals without loss of the oil quality as e. g. increase of viscosity.
- It is compatible with all usually applied sealing materials in the machine manufacturing.
- Minimizes squawk and chatter in wet brake systems and PTOs
- Provides efficient engagement of power take off clutches, thereby minimizing wear
- Reduced oil inventories and simplified lubricant selection
- The very good air release and antifoam properties guarantee a steady and shock free operation of the hydraulic system.

RECOMMENDATIONS / SPECIFICATIONS

UTTO, SAE 80W, API GL-4, HLP-D (HVLP-D, Allison C-4

FORD ESN-M2C-134D, 86C, FNHA -2-C-201, CASE MS 1206/1207, JOHN DEERE JDM J20-C, NH 420 A,CNH MAT 3525,

CNH MAT 3508, MASSEY FERGUSON M 1135,1141, 1143,1145, CATERPILLAR TO-2, VOLVO WB 101 (AWB-Achsen),

SDFG OT 1891, 1891A, Komatsu Dresser B-06-0001, B-06-0002, ZF TEMPL 03E/05E

HYDRAULIC PUMP SPECIFICATIONS:

Sauer Sundstrand, Vickers 35VQ2S, Denison HF-0, HF-2

TYPICAL TECHNICAL PROPERTIES

Product code	12820T0
Viscosity Grade, SAE J300	10W-30
Density at 15°C, g/ml, ASTM D4052	0.880
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	59
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	9.6
Viscosity Index, ASTM D2270	149
Flash Point(COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-39
Brookfield viscosity at -18°C, mPas, ASTM D2983	3470

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 20L/200L/205L/ 208L

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* supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.