



GIANT AGRI POWERMATIC

High Performance Transmission/Hydraulic Oil

DESCRIPTION

GIANT Agri Powermatic is a premium fully synthetic formulation suited for the tough demands of heavy duty, hydraulic-powered farm and commercial equipment. This unique combination of transmission and hydraulic oil is very effective in reducing wear, resisting heat, and also provides superior water tolerance capabilities, protects against rust, corrosion and oxidation. Giant Agri Powermatic provides balanced performance to address the diverse needs of the drivetrain and hydraulics, providing equipment protection, improved durability, enhanced operator comfort and productivity.

Giant Agri Powermatic uses an additive package with one of the broadest range of manufacturer approvals and endorsements. This proven formulation has been successfully field tested for more than 200,000 hours in 250 tractors and combines from leading manufacturers, including John Deere, International Harvester, New Holland, Ford, Massey Ferguson, J.I. Case and Kubota.

PERFORMANCE STANDARDS

• AGCO Powerfluid 821XL • Allison C-4 • API GL-4 • Caterpillar TO-2 • CNH MAT 3505 (MS 1209), Case MS 1206, MS 1207 • CNH MAT 3506 (Case MS 1210) • CNH MAT 3509 (Case MS 1230) • CNH MAT 3525 (FNHA 2-C-201.00 = M2C 134D) • CNH MAT 3526 (FNHA 2-C-200.00) • CNH MAT 3540 • CNH MAT 3510 (MS1317 = GL-4) • ESB-LUB-103-A DANA-OHTM UTTO • Fendt • FNHA-2-C-200.00/201.00 • Ford ESN M2C86-B / M2C86-C / M2C134-D • Hyster HCE-102, HCE-102W • John Deere JDM J20C, J20D • Massey Ferguson CMS M1135, M1141, M1143, M1145 • Valtra G2-08/B10 • VCE WB 101 and (WB 102) • ZF TE-ML 03E, 05F, 06K, 17E, 21F

TYPICAL APPLICATIONS

GIANT Agri Powermatic offers the simplicity of a single fluid approach for transmissions, axles, wet brakes and hydraulic systems, in tractors, combine harvesters, crop sprayers and selected construction equipment from leading manufacturers, and may also be used for machine tools, central systems and presses.

BENEFITS

- Premium package covering the leading manufacturers' requirements for tractors & combines
- Excellent corrosion protection
- A multi-functional lubricant which reduces inventory and opportunities for misapplication
- Optimized friction system providing -
 - Good lock-up and holding capacity for clutches in transmission and Power Take-Off (PTO) systems
 - Suppression of wet brake noise
 - Braking capacity for safe stopping within the design limits of the equipment
- Robust oxidative and thermal stability for -
 - Prevention of oil thickening and formation of harmful acidic deposits that can reduce heat transfer and efficiency
 - Protection of critical components
 - Reduced risk from seal leakage
- Dual wear system providing -
 - Protection for spur, helical, spiral bevel gears and bearings
 - Sensitivity for yellow metals in hydrostatic and hydraulic equipment
- Extra superior soot and wear control



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TYPICAL PROPERTIES

SAE Grade	10W-30
Density, kg/Litre @ 15°C	0.854
Kinematic Viscosity, mm ² /s @ 40°C	76.2
Kinematic Viscosity, mm ² /s @ 100°C	10.8
Viscosity Index	145
Pour Point, °C	- 40
Flash Point, °C	>220