



Product Information: Agritech HTF Synthetic

Description

Agritech HTF Synthetic is a full synthetic heavy duty transmission/hydraulic fluid which is formulated for use in agricultural; off-highway; forestry and construction equipment, which are equipped with a common oil system for transmission, differential, final drives, hydraulics and wet brakes. The product is formulated on high quality virgin synthetic base fluids, offering excellent cold flow characteristics and thermal stability, thus eliminating the need for seasonal fluid changes.

The carefully tailored additive system offers superior wear protection on transmission, differential and final drive gears, even at elevated temperatures and in the presence of water. Its exceptional frictional performance offers superior clutch and transmission performance, whilst eliminating brake chatter and stick slip problems. The product can also be expected to offer excellent resistance to oxidation and the build-up of sludge and varnish on transmission and hydraulic components.

Applications

Agritech HTF Synthetic should be used in farm tractors, agricultural machinery, off-highway, mining, forestry and construction equipment, which either a fluid of this quality is required or where a performance level as listed below is called for.

Performance Features

- Reliable year round operation
- Excellent cold flow characteristics
- Thermally stable
- Exceptional anti-wear performance
- Superior frictional properties
- Smooth equipment operation
- Resistant to oxidation
- Reduces sludge and varnish build-up

Performance Levels

- John Deere: J20C (Summer) J20D (Winter)
- Massey Ferguson: M1135, M1141 & M1143
- CNH: MS1209/MAT3505; MS1210/MAT3506; MS1230/MAT3509;
- ESN-M2C134-D/MAT3525
- Kubota: UDT Fluid
- Agco: Powerfluid 821XL
- Volvo: WB101, WB102
- ZF: TE-ML 03E, TE-ML 03F, TE-ML 05F, TE-ML 06K, TE-ML 21F (Axles)
- API: GL-4
- Caterpillar: TO-2
- Allison: C-4

Typical Data

Characteristic	Unit	Result
Density @ 15.6°C	kg/l	0.880
Kinematic Viscosity @ 40°C	cSt	46.8
Kinematic Viscosity @ 100°C	cSt	10.0
Viscosity Index		208
Flashpoint (Closed)	°C	225
Pour Point	°C	-46

Figures based on average production values