



Product Information:  
**LIQUIMATIC JDF**  
**Universal Tractor Transmission Oil**

### Description

Liquimatic JDF is a hydraulic/transmission fluid formulated with high quality mineral oils and specialised additives for use in agricultural, plant and material handling equipment.

This grade provides anti-wear and extreme pressure (EP) protection to gear systems, including transmissions and final drives, as well as ensuring that hydraulic system integrity is maintained. Additionally, Liquimatic JDF has superior wet (oil immersed) brake performance, assisting in the elimination of “squawk and chatter” and therefore prolonging the life of frictional materials and other components. The additive system also provides superior resistance to oxidation, rust and corrosion, together with improved antifoam performance.

### Applications

Liquimatic JDF is recommended for use in a variety of applications where an oil of this quality is specified. Applications include: powershift transmissions, mechanical transmissions, transaxle/hydraulic systems, hydrostatic drives, torque converters, final drives, reduction hubs, power steering, steering boxes, PTO boxes, brake/clutch systems, hydraulic units, etc.

### Performance Levels

GIMA M1143 Approved  
Massey Ferguson M1135 / M1145  
Volvo Transmission Oil 97303: 020 (WB101 Approval)  
CNH MAT 3525 (Ford ESN-M2C134D Fluid)  
John Deere J20C  
ZF TE-ML-03E / 05F / 06K

### Physical Characteristics

Appearance	Amber liquid
Relative Density at 15.6 °C	0.871
Kinematic Viscosity @ 40 °C (cSt)	59.98
Kinematic Viscosity @ 100 °C (cSt)	9.79
Viscosity Index	145
Closed Flash Point (°C)	200
Pour Point (°C)	-45

Figures based on average production values.

Part No.s: JDF005, JDF025, JDF205

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