

## Product Information

# LIQUIMATIC JDF (U.T.T.O)

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### 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

Ford ESN-M2C134-A/B/C/D  
Ford ESEN-M2C86-A/B  
New Holland NH – 410B  
Massey Ferguson M1135  
Massey Ferguson M1143 Approved

Volvo (WB101)  
Volvo Transmission Oil 97303:020  
John Deere J20A/C  
Allison C4  
Caterpillar TO-2  
API GL4 (L20)  
ZF TE-ML-03E/05F/06K

### Physical Characteristics

|                                   |       |
|-----------------------------------|-------|
| Density at 15 °C                  | 0.884 |
| Viscosity at 100 °C, cSt.         | 9.6   |
| Viscosity at 40 °C, cSt.          | 62    |
| Viscosity Index                   | 135   |
| Viscosity -18 °C (Brookfield), cP | 3500  |
| Flash Point (Closed), °C          | 190   |
| Pour Point , °C                   | -45   |
| Foam Test                         | Pass  |

