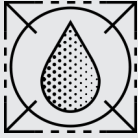


# Mystik® JT-5® Synthetic Blend TFX

## OVERVIEW

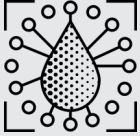


- A performance-engineered tractor fluid for the equipment owner needing longer component life, ensuring optimum efficiency for many years of tillage and harvesting operations.
- The investment in today's farm tractors often requires longer ownership of 10 years or more while operating at lowest possible maintenance cost.
- Achieving maximum equipment productivity is required for survival with so many challenges facing modern farm profitability.
- Designed for modern farm tractors that produce significant horsepower, requiring greater protection for high production machines that impose much greater stress on transmissions and axles with multiple high output hydraulic applications.

## FEATURES & BENEFITS



ADVANCED TECHNICAL FEATURES	PERFORMANCE BENEFIT
<b>Synthetic Blend</b>	<ul style="list-style-type: none"> <li>• Improves performance over wider temperature range and reduces tendency of fluid breakdown due to sustained high operating temperatures.</li> </ul>
<b>Shear stable viscosity with a high viscosity index</b>	<ul style="list-style-type: none"> <li>• Maintains and sustains optimum viscosity over the service intervals to ensure overall productivity and efficiency.</li> </ul>
<b>Leak-resistant seal maintainer technology</b>	<ul style="list-style-type: none"> <li>• Conditions seals to prevent leakage as equipment ages with higher hours of operation.</li> </ul>
<b>Special friction modifiers</b>	<ul style="list-style-type: none"> <li>• Improves brake system function and protects against brake chatter.</li> </ul>
<b>Clean system-detergent/dispersant</b>	<ul style="list-style-type: none"> <li>• Helps minimize tendency for transmission clutch plate glazing from high temperatures and deposit build up protecting against loss of friction control and power transfer efficiency to the drive train.</li> <li>• Maintains high-pressure hydraulic system efficiency by preventing hydraulic valve deposit build up and sluggish operation.</li> </ul>
<b>Double acting anti-rust/anti foam technology</b>	<ul style="list-style-type: none"> <li>• Prevents system corrosion and controls tendency for air entrainment, resulting in efficient power transfer.</li> </ul>
<b>Wide temperature range</b>	<ul style="list-style-type: none"> <li>• Excellent fluidity and start-up lubrication improves system response time in colder temperature</li> </ul>
<b>Anti-slip formulation</b>	<ul style="list-style-type: none"> <li>• Ensures power transfer efficiency under high loads in transmissions, axles and all hydraulic applications.</li> </ul>

**APPLICATIONS**

**Formulated to meet John Deere J20C and is recommended for use in the following applications:**

- John Deere JDM J20C
- AGCO Power Fluid 821XL
- AGCO CMS M1135
- AGCO CMS M1141
- AGCO GIMA-CMS M1143
- AGCO GIMA-CMS M1145
- Allison C-4
- API GL-4
- ASTM D6973 (Eaton 35VQ)
- CAT TO-2 (obsolete)
- CASE JIC 143, 144
- Case New Holland: Ford M2C134-D
- Case New Holland: FNHA 2-C-201.00
- Case New Holland: CNH MAT 3525
- Case New Holland: CNH MAT 3509
- Case New Holland: CNH MAT 3540 \*
- Case New Holland: Case MS 1205
- Case New Holland: Case MS 1206
- Case New Holland: Case MS 1207
- Case New Holland: Case MS 1209
- Denison Hydraulics HF-0, HF-1, HF-2
- Eaton E-FDGN-TB002-E
- Eaton Vickers I-286-S
- Eaton Vickers M-2950-S
- International Harvester B-5 / B-6
- Komatsu Dresser B-06-0001 and B-06-0002
- Kubota UDT
- Minneapolis Moline Q-1766, Q-1722, Q1766B
- New Holland WB NWH 410B
- Oliver Q-1705
- Renk Doromat 873
- Renk Doromat 874A / 874B
- Volvo WB 101
- White Farm Equipment Q-1826
- ZF TE-ML 03E
- ZF TE-ML 05F
- ZF TE-ML 06K

**\*Not recommended as a top off fluid for zinc free fluids. When transitioning from a zinc free fluid, please drain reservoir and refill with Mystik JT-5 Synthic Blend TFX Fluid.**

**\*Suitable for use in tractors requiring MAT 3540 built before 2013 ONLY**

**Always check your equipment owner's manual for proper lubricant requirement.**

## PROPERTIES



## Typical Properties for Mystik JT-5 Synthetic Blend TFX:

		<b>MYSTIK J-5 Synthetic Blend TFX TRACTOR HYDRAULIC FLUID</b>
<b>Material Code</b>		<b>663514002</b>
Gravity, ASTM D4052, °API		32.1
Density, lb/gal		7.2
Flash Point, COC, ASTM D92, °F (°C)		424 (218)
Viscosity, ASTM D2983, cP		
at -20°C		2,500
at -35°C		17,500
ASTM D445		
cSt at 40°C		53.8
cSt at 100°C		9.8
Viscosity Index, ASTM D2270		169
Pour Point, ASTM D97, °F (°C)		-54 (-48)
Color, ASTM D1500		L1.0
ASTM D892, Sequence I, II, III		Pass
<b>John Deere J20C Tests</b>		
Shear Stability Test	<b>JDQ 102</b>	8.0

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