



Hy-Gard™

Hydraulic and
Transmission Oil



JOHN DEERE



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INTRODUCTION :

Hy-Gard™ Hydraulic and Transmission Oil
Formulated to protect heavily-loaded gears,
wet brakes, wet clutches and hydraulic systems

Your machine depends on hydraulic oil to prevent wear, provide friction, handle extreme pressures, stop deposits. That's why you need John Deere **Hy-Gard** transmission and hydraulic oil. It's developed, tested and monitored by John Deere engineers who make sure it's the best possible choice for your John Deere.



BENEFITS Hy-Gard™

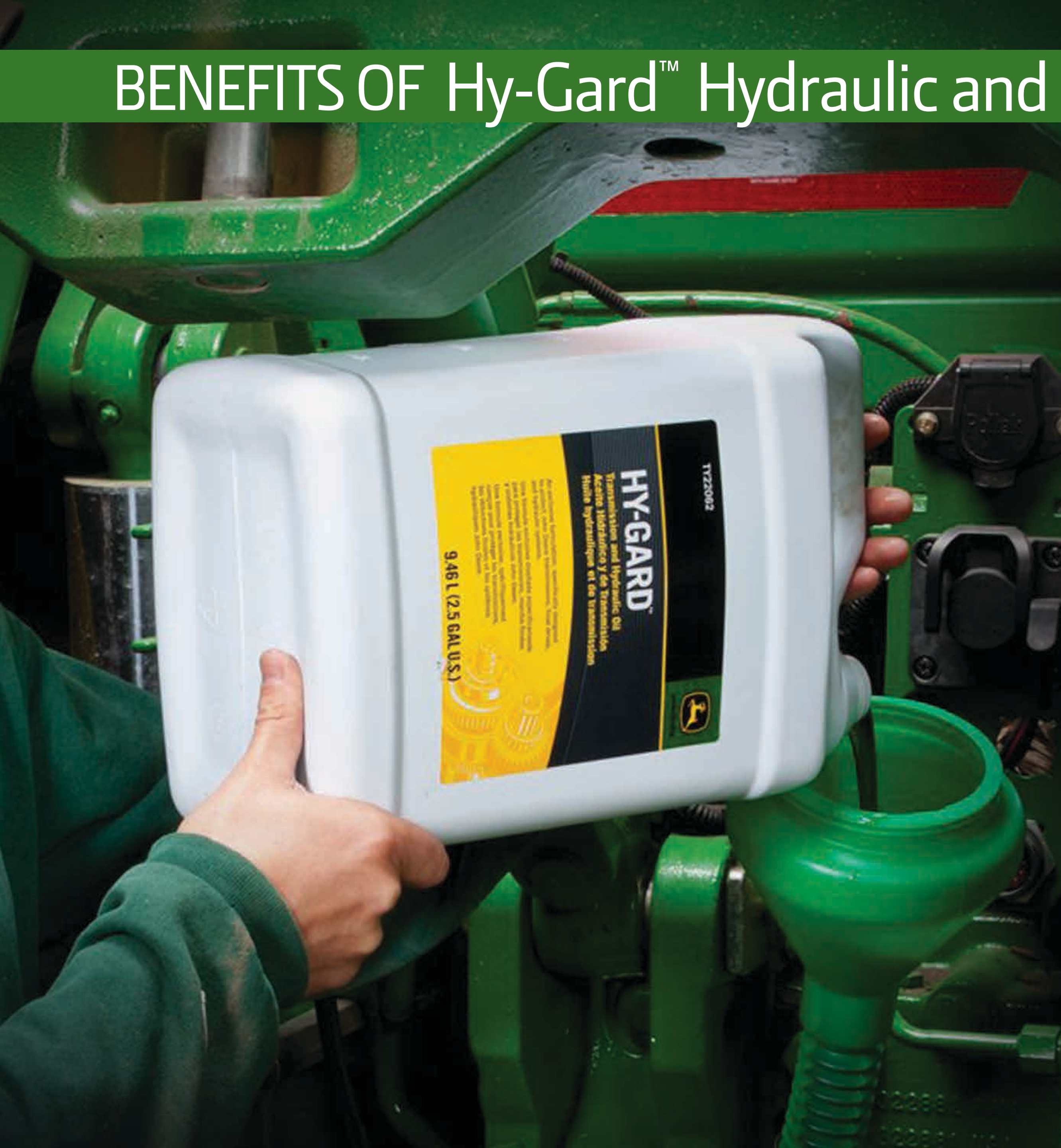
Hydraulic and Transmission Oil



BENEFITS OF Hy-Gard™ Hydraulic and Transmission Oil :

REDUCES WET-BRAKE CHATTER

Hy-Gard is formulated to maximize brake capacity with minimal brake chatter and wear. Better brake chatter control ensures smooth stopping, reduced damage from vibration, less noise and a longer brake life.



BENEFITS OF Hy-Gard™ Hydraulic and Transmission Oil :

SUPERIOR WET-CLUTCH PERFORMANCE

Hy-Gard's friction modifiers allow limited clutch slippage for smooth engagement, reducing clutch wear and promoting a longer life.



BENEFITS OF Hy-Gard™ Hydraulic and Transmission Oil :

SUPERIOR HIGH TEMPERATURE PERFORMANCE

The antioxidation capability allows **Hy-Gard** to work properly at high temperatures, helping keep transmissions and hydraulic system parts cool and clean.



BENEFITS OF Hy-Gard™ Hydraulic and Transmission Oil:

SUPERIOR PROTECTION

Hy-Gard is proven to prevent rust and corrosion, especially during low-use periods.

BENEFITS OF Hy-Gard™ Hydraulic and Transmission Oil :

CONTAINS SUPERIOR ANTI-WEAR ADDITIVES

Anti-wear additives keep gear and bearing wear to a minimum. The anti-wear formulation of **Hy-Gard** develops a durable fluid film, which helps prevent metal- to-metal contact.

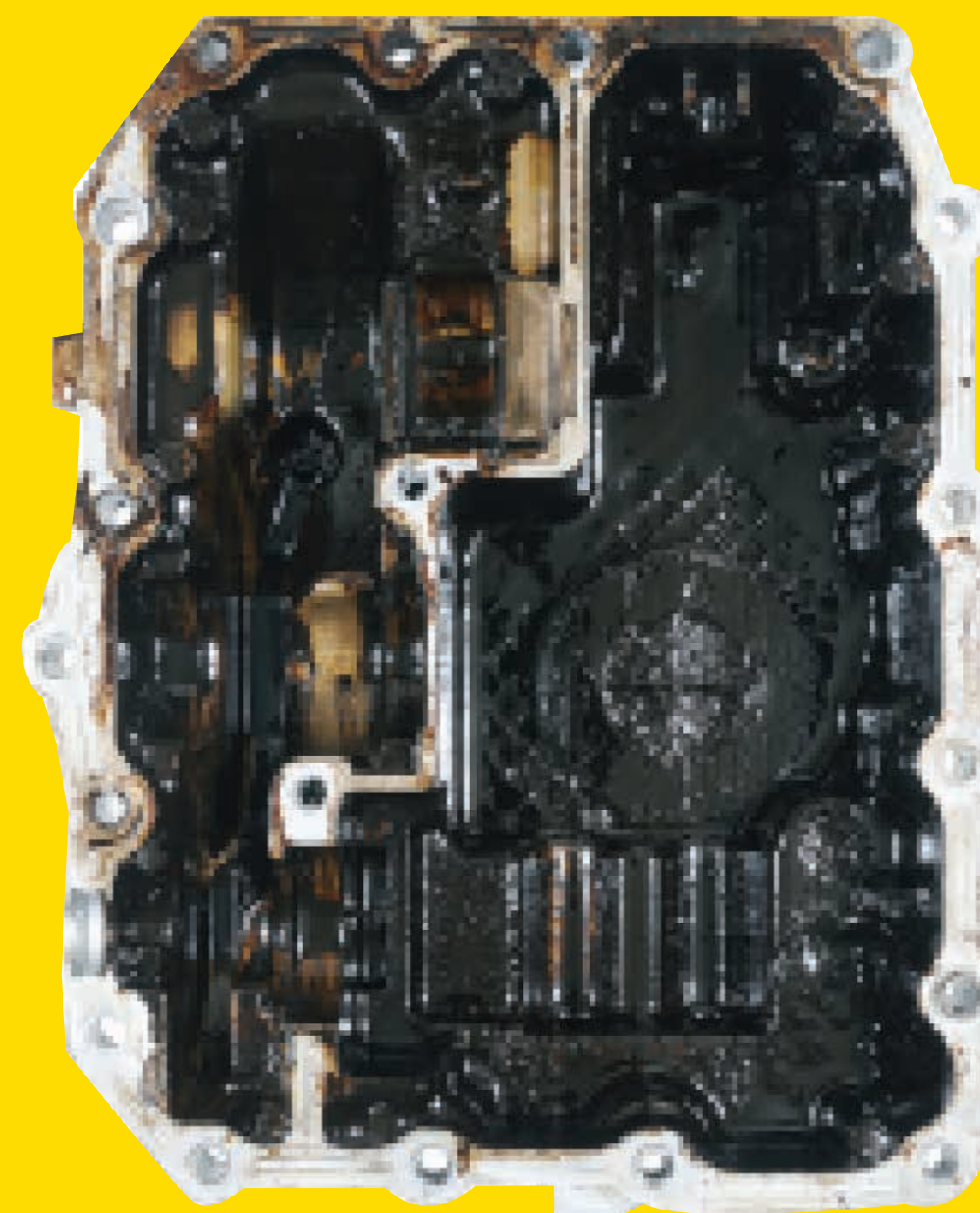
LAB TEST RESULT



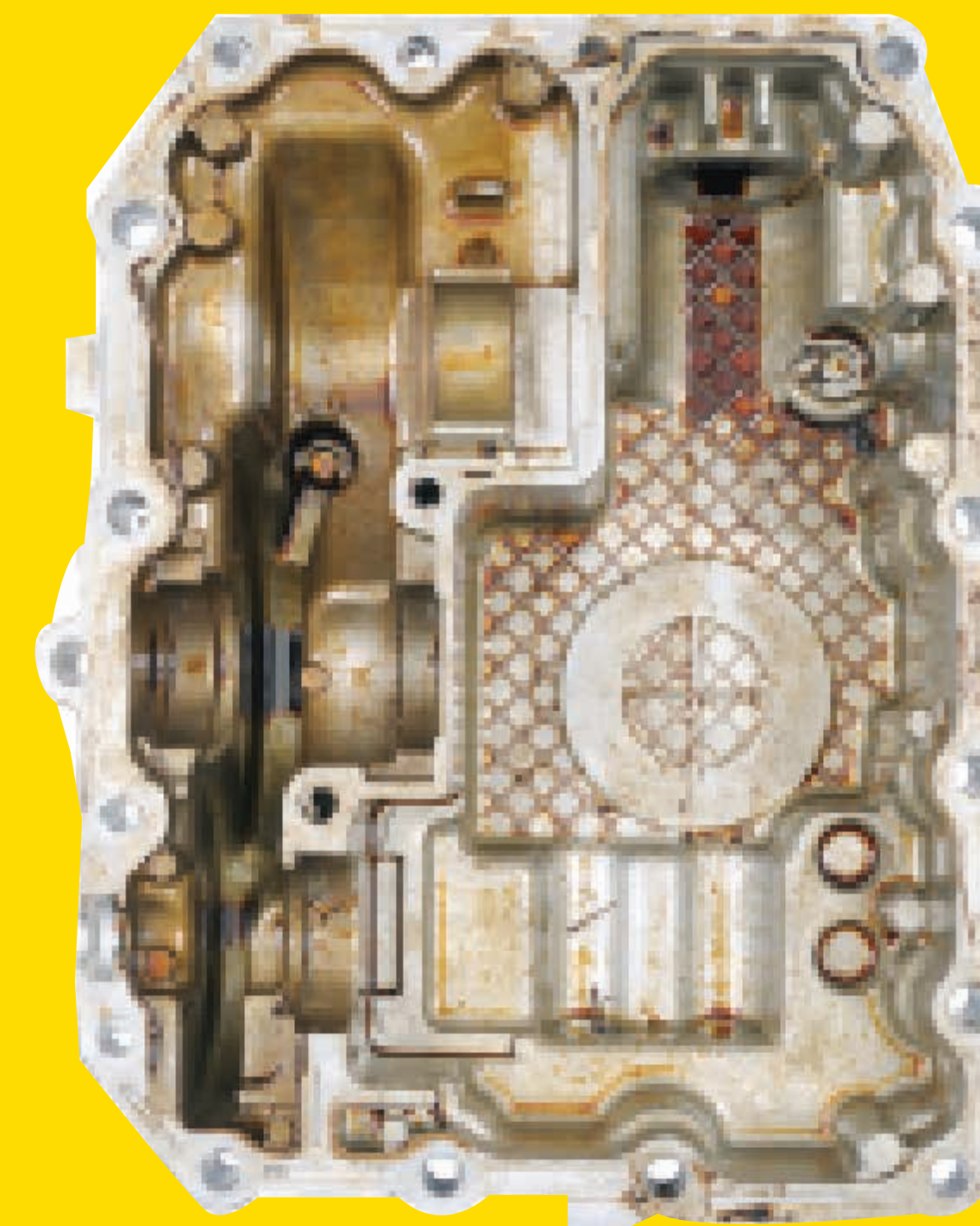
LAB TEST RESULT :

Hy-Gard™

provides superior
oxidation control.



Competitive Oil

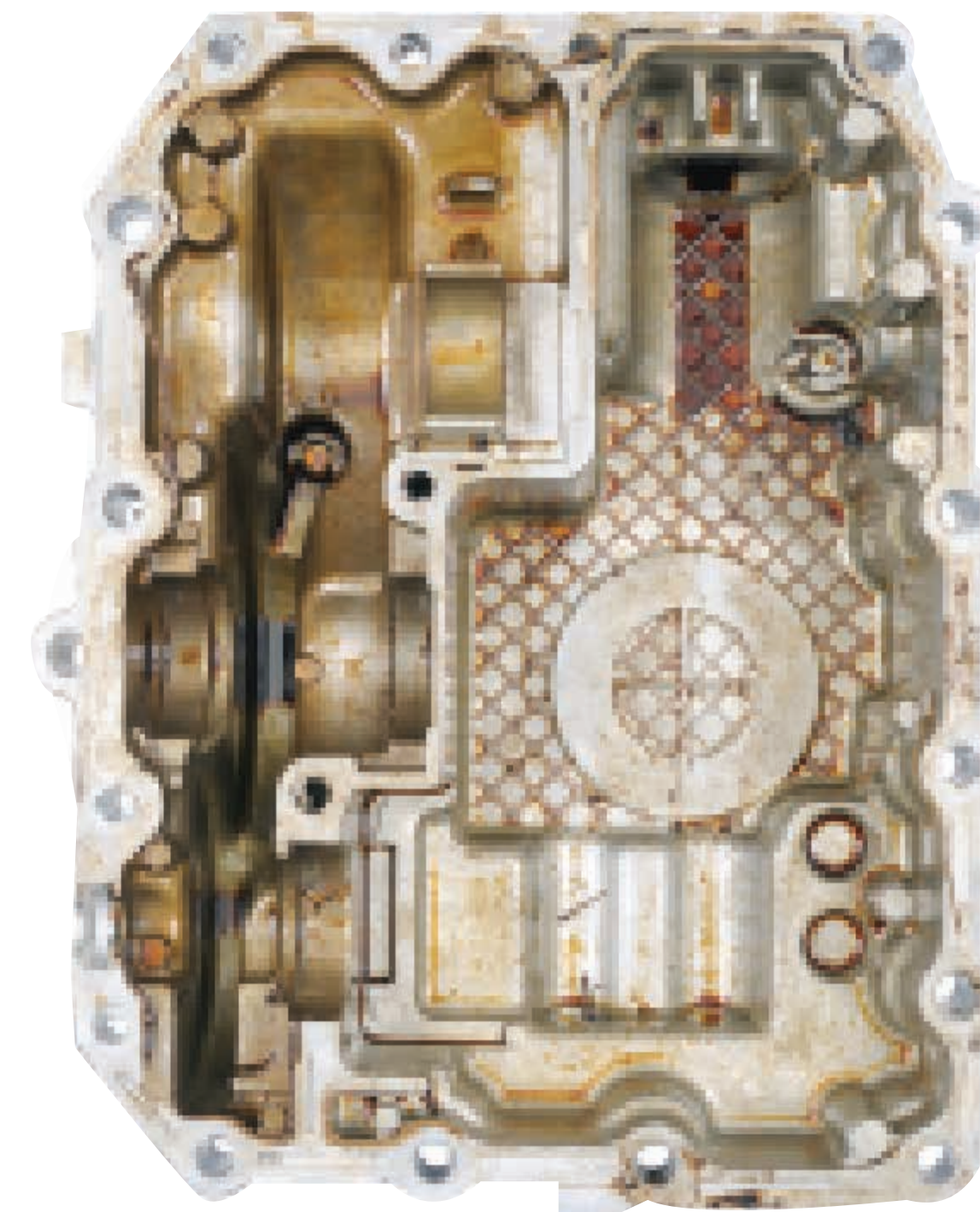


Hy-Gard™

LAB TEST RESULT :

UNSURPASSED GEAR PROTECTION HY-GARD IS RIGOROUSLY TESTED TO ENSURE:

- Optimum performance of your equipment
- Excellent wear protection in high load conditions



Can Hy-Gard™ be used in non-John Deere equipment?

Hy-Gard is designed for use in John Deere equipment; however it can also be used in many competitive transmission and hydraulic systems. Hy-Gard is suitable for:

- Transmissions and differential units with immersed wet brakes
- Gearboxes with hydraulic brakes
- Gearboxes with hydraulic drive systems



How does Hy-Gard™ compare to other hydraulic oils?

Because there is no industry classification for hydraulic/transmission oil, each manufacturer establishes a minimum requirement that oil should meet for use in their equipment. John Deere has established a JDM J20 specification for minimum tractor performance hydraulic fluid. **Hy-Gard** not only meets the requirements for JDM J20 but exceeds it.





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