



Product Data Sheet

TORQUE FLUID 56[®]

Exxon TORQUE FLUID 56 offers the following features and benefits:

- Meets the requirements of most tractor manufacturers, including John Deere, New Holland, Case, and Massey Ferguson
- Premium universal tractor lubricant for use in transmissions, differentials, hydraulic systems, drive gears, and wet brakes
- Excellent protection against wear and rust
- Outstanding low-temperature performance
- Available in bulk, 55 gallon drums, 5 gallon pails, and 2.5 gallon jugs

X TORQUE FLUID 56 is a premium universal lubricant for tractors that require a single oil for the lubrication of the transmission, differential, and final-drive gears. In addition, it can be used as the power brake and power take-off fluid and as the power steering fluid where mineral oils are recommended.

OUTSTANDING PERFORMANCE

TORQUE FLUID 56 provides outstanding service in tractors and meets the requirements of most tractor manufacturers that require a tractor hydraulic fluid. It has high resistance to degradation due to oxidation – a critical property. Its low pour point means ready mobility and prompt lubrication at temperatures as low as -28°C (-20°F). An extreme-pressure additive provides excellent load-carrying capacity and wear protection under all load conditions.

TORQUE FLUID 56 also provides the correct coefficient of friction for hydraulic power-shift transmissions, clutch-driven power take-off systems, and wet brakes. It provides excellent control over brake chatter (also called “shudder,” “squawk,” or “end grunt”).

In addition, it protects susceptible metal parts against rusting, is inhibited against foaming, is compatible with commonly used seal materials, and is resistant to water contamination.

The table on the reverse page gives a partial listing of applications for which TORQUE FLUID 56 is recommended.

If this publication is more than two years old, please contact Exxon to ensure that it is the current issue.

EXXON

DG-2A

TORQUE FLUID 56 APPLICATIONS

| | |
|----------------|---|
| Allis-Chalmers | Power Fluid 821 (Part No. 900388, 89, 90, & 91) Spec. 246634 257541 25743 |
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| | |
|---------|--------------------|
| Allison | C-1, C-2, C-3, C-4 |
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| Caterpillar | TO-2 |
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|-------------|----------------------|
| Deutz-Allis | Hydraulic Trans. Oil |
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| Ford/New Holland | ESN-M2C41-B ESN-M2C48-B ESN-M2C53-C ESN-M2C77-A ESN-M2C86-B ESN-M2C134-A, B, C, D |
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| Case International (J. I. Case, International Harvester) | JIC-185 JIC-145 JIC-144 JIC-143 MS-1205 MS-1204 MS-1210 (TCH) MS-1206 (Powergard PTF) Hy-Tran, Spec. B-6 |
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| John Deere | J20A J20C J14B (303 Fluid) J14C |
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| Massey Ferguson | J21A M-1110 M-1127 M-1129 (Permatran) M-1135 Permatran III (M-1139) |
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| Rank | Doromat ATF |
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| Stieger | Hydraulic Trans. Fl. |
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| Sundstrand | HMS-103 |
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| Versatile | Gear/Hydraulic Trans. Fl. |
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| White Oliver | Q1722 Type 55 |
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Typical Inspections

The values shown here are representative of current production. Some are controlled by manufacturing specifications, while others are not. All may vary within modest ranges.

TORQUE FLUID 56

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| Gravity, API | 27.7 |
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| Viscosity cSt @ 40°C | 57.8 |
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| cSt @ 100°C | 9.1 |
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| cP @ -17.7°C | 4250 |
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| Viscosity index | 135 |
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| Pour point, °C (°F) | -31 (-25) |
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| Flash point, °C (°F) | 200 (392) |
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PRECAUTIONS

Health studies have shown that many petroleum hydrocarbons pose potential human health risks that may vary from person to person. As a precaution, exposure to liquids and vapors of petroleum products should be minimized.

Oils and greases in contact with skin can result in plugging of sweat glands and hair follicles, which can lead to skin irritation or dermatitis. Therefore good personal hygiene should always be practiced. Petroleum products should be promptly removed from the skin. Soiled clothing should not remain in contact with the skin.

Oils and greases are readily removed from the skin by waterless hand cleaners followed by washing with soap, water, and a soft skin brush. They can be removed from clothing by dry-cleaning or by washing with laundry detergents. Where repeated skin contact occurs, protective skin creams, such as silicone-base creams, applied to clean hands prior to contact may be beneficial.

If petroleum products contact the eyes, flush the eyes with fresh water until the irritation subsides.

WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove, and even a trace of remaining material constitutes an explosive hazard. "Empty" drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Additional important health and safety information on TORQUE FLUID 56 is provided in a Material Safety Data Sheet, available from: Sales Publications, Marketing Technical Services, Exxon Company, U.S.A., P.O. Box 2180, Houston, TX 77252-2180.