



TEXACO TDH[®]

TDH Oil, TDH Oil W

CUSTOMER BENEFITS

Texaco TDH oils deliver value through:

- **Lower operating costs** — By delivering or exceeding the performance of fluids supplied by equipment manufacturers, helps in avoiding the cost of generally more expensive fluids and thereby lowers overall operating costs.
- **Longer equipment life** — Special additives protect metal surfaces against scuffing and wear even under severe operating conditions leading to increased equipment life.
- **Lower inventory cost** — One fluid does the job of a full range of mobile hydraulic systems. Can replace multiple products and free up shelf space too!
- **Minimizing weather and storage concerns** — Protects against rust and corrosion of highly finished precision parts when operating in humid conditions and during seasonal shutdown periods.
- **Reduced downtime** — Good compatibility with seals, O-rings, and packing materials maintains their good condition and keeps leakage at a minimum.
- **Smoother operation** — By eliminating brake "chatter" and transmission "slip" they assure quiet and efficient action of brakes and transmission.
- **More reliable operation** — Formulation keeps metal parts clean and free of varnish and sludge deposits that could result in premature breakdown.

FEATURES

Texaco TDH oils are high quality, multifunctional fluids, specially formulated for use in transmissions, final drives, wet brakes, and hydraulic systems of tractors and other equipment employing a common fluid reservoir.

They are formulated with high quality base stocks, a viscosity index improver, oxidation and corrosion inhibitors, antiwear and film strength additives, an antifoaming agent, and a pour point depressant.

The distinctive orange color of Texaco TDH Oil allows for easy product identification and leak detection. Texaco TDH Oil W is undyed.

FUNCTIONS

Texaco TDH oils meet the needs of modern tractors for a combination lubricant. They perform many functions, such as lubrication of the transmission and final drive, and serve as hydraulic fluids to operate power steering units, brakes, implements, and attachments.

Furthermore, Texaco TDH oils eliminate brake "chatter" and excessive brake facing wear, assure smooth operation of clutch packs and wet brakes, provide excellent shifting action, provide superior rust and corrosion protection for vital parts, minimize leakage because of good compatibility with seals, O-rings, and packing materials. They prevent sludge and varnish formation, protect metal surfaces against scuffing and wear, and provide outstanding lubrication for spur, helical, and spiral bevel final drive gears.

Texaco TDH oils are compatible with equipment manufacturers' proprietary fluids and other fluids of this type.

APPLICATIONS

Texaco TDH Oil is specifically formulated to meet John Deere J20C and Texaco TDH Oil W is specifically formulated to meet John Deere J20D.

Texaco TDH Oils are recommended for use:

- as a multifunctional fluid in all types of farm tractors and equipment.
- in any application which calls for the following OEM lubricant specifications:
 - **AGCO** — improved power fluid 821XL
 - **John Deere** — J20C (Texaco TDH Oil), J20D (Texaco TDH Oil W)
 - **Ford** New Holland — ESN-M2C134-D, FNHA-2-C-201
 - **Massey Ferguson** — M1135, M1141, M1143
 - **White Farm Equipment** — Q-1826
 - **Case Corporation** — JIC-143, JIC-145, MS 1206, MS 1207, MS 1209, MS 1210 (TCH)
 - **Oliver** — Type 55
 - **Minneapolis-Moline** Fluids
 - **Caterpillar** TO-2 (both grades), MTO (Texaco TDH Oil)
 - **Renk** — Bus ATF 873, 874 A/B
 - **Kubota** UDT
 - **International Harvester** B6
 - **Volvo** — WB 101 (Texaco TDH Oil)

Texaco TDH oils are excellent hydraulic fluids for all types of hydraulic systems. They pass the High Pressure Vane Pump Test, ASTM D 2882, with less than 15 mg steel weight loss.

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

TYPICAL TEST DATA

	TDH	TDH W
<i>Product Number</i>	221893	221888
<i>MSDS Number</i>	8656	11013
API Gravity	29.9	31.9
Viscosity, Kinematic cSt at 40°C cSt at 100°C	58.4 9.5	34.4 7.3
Viscosity, Saybolt SUS at 100°F SUS at 210°F	298 58.3	174.2 50.6
Viscosity, Brookfield cP at -35°C	40,000	17,000
Viscosity Index	145	185
Flash Point, °C(°F)	235(455)	214(417)
Pour Point, °C(°F)	-42(-44)	-48(-54)
Color	Orange	Pale

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.