

TGH Red - Tractor Fluid

Universal Transmission, Gear, and Hydraulic Fluid

Description

Nemco TGH Red Fluid is a multi-functional fluid formulated specifically for tractors using a centralized system to lubricate the transmission, differential, wet brake, power steering and hydraulic systems. This fluid is formulated with a special additive system to provide anti-wear properties, the ability to carry heavy differential gear loads, resistance to oxidation stress from high temperatures, and the special balance of frictional properties required to prevent wet brake chatter and give smooth operation.

Nemco TGH Red viscosity characteristics make it the ideal fluid for use on a year round basis; it has good cold flow performance for those times when cold temperature start-up and operation are essential, yet retains its viscosity well for protection during the hot summer months.

Applications

Nemco TGH is recommended for use in the common transmission, differential and hydraulic oil sump of agricultural tractors, certain makes and models of construction equipment and particular hydraulic systems per the manufacturer's requirements.

Advantages

- Ideal for year-round use
- Provides chatter-free operation of wet brakes
- Extends life of seals, hydraulic hoses, and other rubber parts
- Protects equipment from wear due to high loads
- Keeps system parts clean and varnish free

Recommended/Suitable for

ALLISON C-3	FORD NEW HOLLAND (FORD, SPERRY-VICKERS, VERSATILE) ESN-M2C134-A to D, ESN-M2C86-B & C, ESN-M2C53-A & B, ESN-M2C48-A & B, ESN-M2C43, ESN-M2C41-B, ESN-M2C92-A, HYGEAR, 23M, 24M, I-286-S, MAT-3525, MAT-3540, M-2950-S
AGCO POWER FLUID 821, 821 XL	
CATERPILLAR TO-2, MTO	
DENISON HF-1, HF-2	
HESSTON FIAT AF-87, OLIOFIAT TUTELA MULTI-F	JI CASE (IH, CIH, STEIGER) HY-TRAN, HY-TRAN PLUS, HY-TRAN ULTRA (except water tolerance), HS-1204, JIC 185, MS-1205, MS-1206, MS-1207, MS-1209, MS-1210, POWERGARD PTF, JIC 143, JIC 144, JIC 145, B-6, SEMS 17001
JOHN DEERE HY-GARD, J20A & C, J14B/C, JDT 303	
KUBOTA UDT, TRANSDRAULIC FLUID	WHITE FARM AG ONE UNIVERSAL, UNIVERSAL, Q-1826, Q-1766 & B, Q-1705, Q-1802, TYPE 55
RENK-DOROMAT 873, 874 A & B	MASSEY-FERGUSON PERMATRAN III, M-110, M-1127 A & B, M-1129A, M-1135, M-1141, M-1143
OTHER: EATON HYDRAULICS, KOMATSU, KOMATSU/DRESSER, MITSUBISHI, VOLVO, SUNDSTRAND	

Typical Characteristics - Nemco Tractor Fluids

Properties	Performance				
	Method	TGH	TGH Arctic	TGH Synthetic	TGH Red
API Category	-	GL-4	GL-4	GL-4	GL-4
Oil Type	-	Conventional	Synthetic Blend	Full Synthetic	Conventional
API Gravity	ASTM D4052	29.0	33.1	n/a	29.5
Colour	Observed	Amber	Amber	Amber	Red
Kinematic Vis @40°C mm ² /s	ASTM D445	59.0	34.0	50.0	60.0
Kinematic Vis @100°C mm ² /s	ASTM D445	9.4	7.2	9.5	9.5
Viscosity Index	ASTM D2270	141	183	190	140
Brookfield Vis, cP @ -18C Brookfield Vis, cP @ -35C Brookfield Vis, cP @ -40C	ASTM D2983	2,900 60,000 -	1,060 - 18,000	3,000 35,000 -	4,500@-20C
Pour Point, °C (F)	ASTM D97	-39(-38)	-54(-65)	-45(-50)	-40(-40)
Flash Point, °C (F)	ASTM D92	204(400)	191(375)	n/a	n/a

These characteristics are typical of current production, variations in these characteristics may occur.

Availability and product codes

Pack size	4x4L case	2x10L case	18.9L pail	20L pail	205L drum	1,000 tote/Bulk
TGH	HYORZ0005	HYORZ0019	n/a	HYORZ0039	HYORZ0104	HYORZ0161
TGH Arctic	n/a	n/a	n/a	HYORZ0041	HYORZ0106	Special Order
TGH Synthetic	n/a	n/a	n/a	HYORZ0071	HYORZ0138	Special Order
TGH Red	n/a	n/a	HYORZ0073	n/a	HYORZ0251	HYORZ0250
Availability	To order, contact us toll free at 855.755.6737 or orderdesk@nemco.ca					

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath, moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under 'Safety Data Sheets'. For SDS in French, please contact info@nemco.ca. This material

is WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

Quality

Nemco Resources Ltd works with respected industry suppliers. The manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your local sales representative.