



303 TRACTOR HYDRAULIC FLUID

DESCRIPTION:

SHIELD™ 303 TRACTOR HYDRAULIC FLUID is a multi-functional fluid used as a hydraulic medium and as a power steering, power brake, power take-off (PTO) and implement drive fluid.

BENEFITS:

- Lubricates transmission, differential and final drive gears
- Provides extreme pressure and anti-wear protection
- Protects against rust and corrosion
- Protects tractor transmissions, axles and hydraulic pumps
- Controlled frictional characteristics permit the wet brakes to hold properly
- Reduces brake chatter
- Provides smooth engagement of power take-off (PTO) clutches

APPLICATION:

SHIELD™ 303 TRACTOR HYDRAULIC FLUID is designed for use as a replacement fluid for the hydraulic, wet brake, and transmission requirements of equipment manufacturers where a product of this quality is recommended:

Allis Chalmers
Allison
Caterpillar
Deutz
Ford Tractor
International Harvester
J I Case/David Brown

John Deere 303, J20-A
Kubota
Massey
Ferguson
Oliver
White

SHIELD™ 303 TRACTOR HYDRAULIC FLUID is recommended for ambient temperatures between +32° F and 104° F (0° C to 40° C). For temperatures outside of this range or where a premium tractor hydraulic / transmission oil is required, please contact your Shield sales representative.

Misapplication may cause severe performance problems. 303 Tractor Hydraulic Fluid has not been recommended by any OEM for model years later than 1974. For equipment built after 1974 requiring multifunctional fluid, use Shield Premium Universal Tractor Hydraulic Fluid (J20C).

SHIPPING INFORMATION:

Pack	5 Gallon Pail	55 Gallon Drum
Unit Weight (lbs.)	40	460
Case Weight (lbs.)	-	-
Pallet Weight*	1,730	1,890
Cases per Pallet	-	-
Units per Pallet	42	4
Units per Truck	882	84
Pallets per Truck	21	21

(*) Including pallet weight of 50lbs.

PRODUCT INFORMATION:

Test (Method)	303						
SAE Grade	20	Pail Part Number	STHE35	SUS 24-3	3/1 Gallon	SUS 12 Tote	275 Gal. Tote
API Gravity (ASTM D-1298)	30	Drum Part Number	STHE31	SUS 24	6/1 Gallon	SUS 12 Bulk	Bulk
Pour Point, °C/°F (ASTM D-97)	-17/0	Bulk Part Number	STHE30	SUS 35	5 Gallon Pail	SUS 12 BD	Bulk/Drum
Flash Point, °C/°F (ASTM D-92)	204/400			SUS 12	55 Gallon Drum		
Viscosity							
@ 40 °C, cSt (ASTM D-445)	40-68						
Color (ASTM D-1500)	6 max.	Pail UPC Code	0-74804-03919-1	Pail UPC Code	0-74804-03919-1		
Viscosity Index (ASTM D-2270)	61 min.	Drum UPC Code	0-74804-03920-7	Drum UPC Code	0-74804-03920-7		

