



**COMMONWEALTH OF PENNSYLVANIA**  
**PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)**

**PCID NO. 1063**  
**Eff. 03/14/25**

**Fluid, Universal Tractor**  
Supersedes 03/25/08

This Pennsylvania Commercial Item Description covers requirements for Universal Tractor Fluid for use in tractors that use a single fluid for hydraulic systems, transmissions, differentials, wet clutches and brakes. The fluid covered by this specification shall be made with a high quality, high viscosity index base stock and selected additives. Product shall conform to the following requirements unless otherwise noted on the request for proposals or invitation for bids.

**1. Classification.** The Universal Tractor Fluid covered by this specification shall be a multipurpose all-weather tractor fluid of one grade suitable for use in John Deere, Massey Ferguson, Ford, J.I. Case, Allis Chalmers and White Equipment. The fluid shall be made with a high quality, high viscosity index base stock and selected additives to provide good performance under a wide variety of conditions

**2. Performance Requirements.** The universal tractor fluid furnished under this specification shall meet or exceed the requirements of John Deere Standard JDM J20C (supercedes J20A) and shall provide the following performance characteristics:

- a. Minimal wear of pumps and control valves.
- b. Heavy-load wear protection of power train gearing.
- c. Resistance to oxidation.
- d. Protection against rust and corrosion.
- e. Compatibility with fluids supplied by the Original Equipment Builders (OEM).
- f. Compatibility with seal materials.
- g. Chatter-free performance of wet clutch and/or wet brakes.
- h. Adequate Power Take Off (PTO) clutch or brake capacity.

**3. Inspection & Rejection.** Sampling for prior to/post- award testing, if required, will be as defined in the Bid Proposal. Inspection may be made at place of manufacture at the option of the Commonwealth after an award has been made. An inspection for final acceptance shall be made at the place of delivery and/or after laboratory testing to determine whether product or service meet the specification requirements. Samples for inspection and after delivery testing shall be selected by simple random sampling. If defects are detected during the course of delivery, or after product has been delivered, the Commonwealth reserves the right to reject the defective product and require replacement at no cost to the Commonwealth, or cancel the contract and surcharge the contractor for any expense incurred by the cancellation of the contract and in securing satisfactory materials, if the vendor fails to apply timely and corrective measures.

**4. Packing.** Furnished in 55 gallon drums or bulk quantities as specified in the invitation for bid.

**5. Shipping Containers.** Unless otherwise specified, shipments shall be made in substantial commercial containers, so constructed as to insure acceptance and safe delivery by common or other carrier. Each shipping container shall be clearly marked with the manufacturer 's name, product brand name or number.

**6. Material Master** – SAP Material Master Number:  
283710 – Fluid, Universal Tractor, Bulk  
300789 - Fluid, Universal Tractor, Drum

**7. Document Sources:**

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