



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

PCID NO. 1065  
Eff. 03/14/25

**Lubricants, Automotive, Multipurpose Gear (Extreme Pressure Hypoid Type)**  
Supersedes 03/25/13

This Pennsylvania Commercial Item Description covers requirements for gear lubricants intended for use in enclosed automotive gear units, heavy duty industrial type enclosed gear cases, steering gears and fluid lubricated universal joints, differentials, axles; and is inclusive of heavy duty gear lubricants designed for longer equipment life. The lubricants shall be a homogeneous synthetically prepared product, or combinations thereof, with additive materials necessary to meet the requirements of this specification. Product shall conform to the following requirements unless otherwise stated in the bid proposal.

**1. Classification.** The gear lubricant covered by this specification shall be of the following types

**Type II** – Extended interval, heavy duty, gear lubricants shall be of two SAE grades:

Grade: SAE 75W-90  
Grade: SAE 80W-140

**2. Physical Requirements.** The chemical and physical characteristics shall be as specified in the following:

**TYPE II – EXTENDED DRAIN INTERVAL HEAVY DUTY GEAR LUBRICANT**

<u>GRADE</u>	<u>75W-90</u>	<u>80W-140</u>
API Classification	GL5	GL5

NOTE: Lubricant shall be suitable for use in limited slip type differentials and/or heavy duty manual transmissions, meeting or exceeding API Service Classification GL-5, MT-1. Shall meet Dana, Eaton and Meritor axles with 500,000 drain intervals and 750,000 mile extended warranty. Grades shall meet latest viscosity requirements as described by the Society of Automotive Engineers (SAE).

**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. 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.** Lubricant shall be 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, case count and sheet count.

**6. Material Master** – SAP Material Master Number:

144161 – Lubricant, Gear, Type II, 75W90, GL5, Keg  
300803 - Lubricant, Gear, Type II, 75W90, GL5, Drum  
300804 - Lubricant, Gear, Type II, 80W140, GL5, Keg  
300805 - Lubricant, Gear, Type II, 80W140, GL5, Drum

**Lubricants, Automotive  
Multipurpose Gear**

**PCID NO. 1065**

**7. Document Sources:**

American Petroleum Institute  
1220 L Street, Northwest  
Washington, DC 20005

SAE World Headquarters  
400 Commonwealth Drive  
Warrendale, PA 15096-0001

Quality Assurance Specialist: Gerald J. Grecek

Quality Assurance Supervisor: Brian Vulgaris