

The BioPreferred program is a Federal initiative designed to increase the development, purchase, and use of biobased products made from agricultural, forestry, or marine materials. The BioPreferred program aims to increase the purchase and use of renewable, environmentally friendly biobased products, while spurring job creation through expanding new markets for farmers, manufacturers, and vendors. The program offers three major benefits: climate change impact reduction, energy/environmental security, and economic development.

There are more than 21,000 biobased products on the market today. The BioPreferred program has designated (identified) more than 5,000 products in 50 product categories for Federal preferred purchase. These “BioPreferred” products meet/exceed minimum biobased content levels set by the Department of Agriculture (USDA). Many of these products are used in the the facility operations & maintenance sector, and they include:

2-Cycle Engine Oils

Lubricants for use in 2-cycle engines to provide lubrication, decreased spark plug fouling, reduced deposit formation, and/or reduced engine wear

Chain and Cable Lubricants

Products designed to provide lubrication in such applications as bar and roller chains, sprockets, and wire ropes and cables; products also may prevent rust and corrosion in these applications

Diesel Fuel Additives

- Any substance (other than one composed solely of carbon and/or hydrogen) intentionally added to diesel fuel (including any added to a motor vehicle’s fuel system) and that is not intentionally removed prior to sale/use
- Known as neat biodiesel (or B100) when used as an additive; diesel fuel additive does not mean neat biodiesel when used as a fuel or biodiesel fuel (e.g., B20)

Dust Suppressants

Products formulated to reduce or eliminate the spread of dust associated with gravel roads, dirt parking lots, or similar sources of dust, including products used in equivalent indoor applications

Fertilizers

Products formulated or processed to provide nutrients for plant growth and/or beneficial bacteria to convert nutrients into plant usable forms; biobased fertilizers, which are likely to consist mostly of biobased components, may include both biobased and chemical components

Gear Lubricants

Products like greases or oils designed to reduce friction when applied to a toothed machine part such as a wheel or cylinder that meshes with another toothed part to transmit motion or to change speed or direction



Greases

Lubricants composed of oils thickened to a semisolid or solid consistency using soaps, polymers, or other solids/thickeners; these are greases not otherwise covered by other grease subcategories

Greases – Multipurpose

Lubricants composed of oils thickened to a semisolid or solid consistency using soaps, polymers, or other solids/thickeners; these are lubricants designed for general use

Greases – Rail Track

Lubricants designed for use on food-processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, or on machine parts and equipment in locations in which there is exposure of the lubricated part to food; lubricants that are designed for use on railroad tracks or heavy crane tracks

Greases – Truck

Lubricants composed of oils thickened to a semisolid or solid consistency using soaps, polymers, or other solids/thickeners; these are lubricants designed for use on the fifth wheel of tractor-trailer trucks onto which the semi-trailer rests and pivots

Heat Transfer Fluids *(Round 6 proposed designated product category)*

Products with high thermal capacities used to facilitate the transfer of heat from one location to another such as coolants or refrigerants for use in HVAC applications

Hydraulic Fluids – Mobile Equipment

Fluids for general use in non-stationary equipment such as tractors, end loaders, or backhoes

Hydraulic Fluids – Stationary Equipment

Fluids for use in stationary hydraulic equipment systems that have various mechanical parts (cylinders, pumps, valves, pistons) used for the transmission of power

Ink Removers/Cleaners *(Round 6 proposed designated product category)*

Chemical products designed to remove ink, haze, glaze, and other residual ink contaminants from the surfaces of equipment, such as rollers, used in the textile and printing industries

Mulch and Compost Materials

(Round 6 proposed designated product category)

Mulch is a protective covering placed atop the soil, primarily to keep down weeds and to improve the appearance of landscaping; compost is the aerobically decomposed remnants of organic materials used in gardening and agriculture as a soil amendment, and commercially by the landscaping and container nursery industries

Multipurpose Lubricants *(Round 6 proposed designated product category)*

Products designed to provide lubrication, under a variety of conditions in a variety of industrial settings, to prevent friction and rust

Parts Wash Solution

Products designed to clean parts in manual or automatic cleaning systems

Penetrating Lubricants

Products formulated to provide light lubrication and corrosion resistance in close tolerant internal and external applications

Sorbents



Materials formulated for use in the cleanup of automotive, industrial, and kitchen soils and oils from hard surfaces

Turbine Drip Oils (*Round 6 proposed designated product category*)

Products that are lubricants for use in drip lubrication systems for water-well line-shaft bearings, water turbine bearings for irrigation pumps, and other turbine bearing applications

Finding BioPreferred products for the facility operations & maintenance sector is simple, using the program's online catalog. To view the catalog, go to www.biopreferred.gov. To submit biobased products to be included in the catalog, email biopreferred@usda.gov.



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The AbilityOne Program offers products that meet BioPreferred designated content requirements in this category. SKILCRAFT and other products produced through the AbilityOne Program fulfill required source provisions of the Javits-Wagner-O'Day Act and FAR 8.7. When you purchase biobased products through the AbilityOne Program, you provide meaningful employment for people who are blind or have other severe disabilities.



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