

GREASES

1. GENERAL

1.01 This section covers a list of greases.

1.02 This section is reissued to revise the description of Grease, Lubricating, KS-14774 List 4, to revise ordering information for Grease, 260-300 P Options, Grease, Lubricating, KS-14774 List 1, and to add ordering information for Grease, 260-320 P.

1.03 Authority for the use of greases listed herein shall be obtained from the applicable individual Plant Series section. Where this section lists various options under a group name, such as Grease, 260-300 P, any of the products listed under this group name are considered satisfactory for any application for which the group name has been specified in the individual Plant Series section. Where an individual item is specified in a Plant Series section, this section is not authority for any substitution.

1.04 The application notes given under various headings are generalizations to assist in selecting a lubricant for apparatus not covered by BSP and indicate roughly the field of application for that lubricant. The specific recommendations in any particular section take precedence over these generalizations.

1.05 The order should be worded in terms of the group name.

Example: (Quantity) lb Grease, Pump, Water.

Orders in terms of the group name make it possible for supply organizations to furnish the option most advantageous from the standpoint of price, availability, etc.

1.06 Where a particular item under the group name is desired or where only one option is listed, the order should be worded in accordance with the individual item.

Example: (Quantity) tube Grease, Master Lubricants Co, Lubriko M-3 Special (8-oz tube).

Where the order calls for a particular item, this section is not authority for supply organizations to substitute.

1.07 The ordering unit should be listed after the quantity in the order. Quantities should be in multiples of the listed ordering units.

Example: (Quantity) lb Petrolatum (1-lb container).

Example: (Quantity) tube Compound, Antiseize KS-14614, (2-oz tube).

1.08 Penetration ratings for greases give an indication of the softness of a grease. They correspond to the viscosity rating on oils except that a higher penetration value indicates a thinner, more easily penetrated grease. These penetration values are given in terms of worked penetration at 77°F (ASTM Method of Test D-217) for comparison purposes and not as a basis for substituting unlisted greases. Where the order is by group name and the penetration is part of the group name, it should be included in the order, for example, Grease, 260-300 P. Where the penetration is given in parentheses, it is for information only and should not be included in the order.

1.09 Container sizes listed are those considered standard by the supplier and generally available. Other sizes can be obtained in some areas and local arrangements can sometimes be made for delivery in bulk or in smaller than listed sizes.

2. LIST OF GREASES (in order from heavier to lighter)

GREASE, PUMP, WATER (150-200 P)

Options

Esso Standard Division of Humble Oil and Refining Co — Esso Multi-Purpose Grease (1, 5, or 35 lb)

Shell Oil Co — Retinax P Grease (1 or 5 lb)

SECTION 065-330-102

Sinclair Refining Co — Litholine Multi-Purpose Grease (1 lb)

Socony-Mobil Oil Co — Mobilgrease MP (1 or 5 lb)

GREASE, ANDOK C (195 P)

Replaced by 260-300 P except on high temperature applications (150°F or higher) and where listed in individual sections.

Esso Standard Division of Humble Oil and Refining Co — (1 or 25 lb)

GREASE, 200-250 P

Replaced by Grease, 260-300 P.

GREASE, 260-300 P

For ball bearings and grease cups of 1/10 hp and larger machines. Greases marked + are for use where temperature ranges are very wide (-76°F to +212°F).

Options

KS-7471 Grease (4-oz tube, 1 or 5 lb)

Esso Standard Division of Humble Oil and Refining Co — Andok Lubricant B (35 lb)

+ Esso Standard Division of Humble Oil and Refining Co — Beacon 325 (35 lb)

Gulf Oil Corp — Gulflex A (1 or 5 lb)

Master Lubricants Co — Lubriko M21 (8-oz tube, 1 or 5 lb)

N. Y. & N. J. Lubricant Co — A29 (5 or 10 lb)

→ Shell Oil Co — Shell 6245 Grease No. 2 (1 or 5 lb)

Sinclair Refining Co — Bearing Grease AF No. 2 (1 or 5 lb)

+ Socony Mobil Oil Co — Aerovac No. 25 (1 or 5 lb)

Socony Mobil Oil Co — Gargoyle Grease BRB No. 1 (1 or 5 lb)

+ Standard Oil (Ind) Division of American Oil Co — SG 4766 (10 lb)

Standard Oil (Ind) Division of American Oil Co — Stanobar Grease No. 2 (10 lb)

Texaco, Inc — Regal Starfak No. 2 (8-oz tube, 5 or 35 lb)

Tidewater Oil Co — Tycol Armitage 10 (5 lb)

↗ **GREASE 260-320 P**

For gears in motor drive unit of Output Motor Drive Unit, ED-40263-01 Group 1 and Group 2

Options

Hodson Corp, Chicago, Ill — Hodson 2-1000 Lubricant (4-oz tube)

↘ Warren Refining and Chemical Co, Cleveland, Ohio — Plastilube No. 2 (4-oz tube)

GREASE 265-295 P

For fans and ball bearings of 1/10 hp and smaller machines as well as for pressure fittings and grease cups

General Electric Co — Ball Bearing Grease (1 lb)

GREASE, ALL PURPOSE (265-295 P)

Tidewater Oil Co — Veedol All Purpose Grease (1 or 5 lb)

GREASE, NO. 4005

Replaced by Grease, 260-300 P

GREASE, FISKE LUBRIPLATE (300-330 P)

Fiske Bros Refining Co, Newark — No. 930AA (2-oz tube)

GREASE, L&N (310 P)

Leeds and Northrup (specify type of pilot wire regulator or other equipment on which grease is to be used) (8-oz can)

GREASE, 310-330 P

For fans and ball bearings of 1/10 hp and smaller machines as well as for pressure fittings and grease cups

Options

Master Lubricants Co — Lubriko M3 Special (8-oz tube, 1 or 5 lb)

Sinclair Refining Co — AF No. 1
(1 or 5 lb)

Texaco, Inc — Marfak No. 1 (1 or 5 lb)

GREASE, 310-340 P

For radiator fan bearing of KS-15521 and
KS-15622 engine-alternators

Options

Esso Standard Division of Humble Oil and
Refining Co — Nebula EP No. 1 (1 lb)

Standard Oil (Ind) Division of American Oil
Co — Stanolith No. 42 (1 lb)

GREASE, LUBRICATING, KS-14774

For instruments and dials.

List 1 — Soft Grease (4-oz tube, 1 or 5 lb) ←

List 2G — List 1 diluted with petroleum spirits,
100 parts with 200 parts by weight of pe-
troleum spirits, and colored green (1 pt or
1 gal)

List 2Y — List 1 diluted with petroleum spirits,
100 parts with 200 parts by weight of petro-
leum spirits (1 pt or 1 gal)

List 4 — List 1 diluted with petroleum spirits,
100 parts with 75 parts by weight of petro-
leum spirits (1 pt or 1 gal)

GREASE, 355-385 P

For gears in motor drive unit of Output Mo-
tor Drive Unit, ED-40026-01, Group 1 and
Group 2 use only when specified.

Texaco, Inc — Marfak 0 (RM 647928) (1 lb)

GREASE, GRAPHITE (360 P)

Special for gears on distributors such as 5
and 6 types. Not approved for power plant
use.

Jos Dixon Crucible Co — Graphite Grease
No. 677 (1 or 5 lb)

LUBRICANT, KS-8496

Use only when specified. It is usually applied
with a brush to sliding surfaces.

Options

KS-8496 No. 3 Lubricant (3-3/4 oz bottle)
KS-8496 No. 3A Lubricant (3-3/4 oz bottle)

Note: These are made up of wax and petro-
latum in trichloroethylene. The KS-8496
No. 3 Lubricant has a coloring matter
added.

COMPOUND, ANTISEIZE, KS-14614

Used on KS-13834 Perforator. (2- or 4-oz
tube, 1- or 4-lb can)

PETROLATUM

For surface protection.

Options

Petrolatum (Western Electric Co —
Works Specification 57997) (1 lb)

Chesebrough Mfg Co — Vaseline
(unmedicated) (1 lb)

DOOR-EASE

Used on 197- and 198-type switches.

American Grease Co, Muskegon, Michigan
(small stick). Obtain from local hardware
store.

GRAPHITE, POWDERED

Used on message register cameras and Yale-
type locks. Obtain locally.

STICK, GRAPHITE

For elevator brush rods.

Jos Dixon Crucible Co—G712 Graphite Lubri-
cating Stick (3/8- by 5/8- by 5-1/2 in. stick)

LUBRICANT, CAM

For greasing cams on precision-type interrupt-
ers

Esso Standard Division of Humble Oil and
Refining Co — Arapen No. 250
Lubricant (1 lb)

AERO SHELL NO. 7, MIL-G-7118

Used on overrunning clutches.

Shell Oil Co (1 lb)