

Section V - Chapter 27

Mineral Fuels, Mineral Oils and Products of Their Distillation; Bituminous Substances; Mineral Waxes

Notes

1. This chapter does not cover:
 - (a). Separate chemically defined organic compounds, other than pure methane and propane which are to be classified in heading 2711;
 - (b). Medicaments of heading 3003 or 3004; or
 - (c). Mixed unsaturated hydrocarbons of heading 3301, 3302 or 3805.
2. References in heading 2710 to "petroleum oils and oils obtained from bituminous minerals" include not only petroleum oils and oils obtained from bituminous minerals, but also similar oils, as well as those consisting mainly of mixed unsaturated hydrocarbons, obtained by any process, provided that the weight of the nonaromatic constituents exceeds that of the aromatic constituents. However, the references do not include liquid synthetic polyolefins of which less than 60 percent by volume distills at 300 degrees C, after conversion to 1,013 millibars when a reduced-pressure distillation method is used (chapter 39).
3. For the purposes of heading 2710, "waste oils" means waste containing mainly petroleum oils and oils obtained from bituminous minerals (as described in note 2 to this chapter), whether or not mixed with water. These include:
 - (a). Such oils no longer fit for use as primary products (for example, used lubricating oils, used hydraulic oils and used transformer oils);
 - (b). Sludge oils from the storage tanks of petroleum oils, mainly containing such oils and a high concentration of additives (for example, chemicals) used in the manufacture of the primary products; and
 - (c). Such oils in the form of emulsions in water or mixtures with water, such as those resulting from oil spills, storage tank washings, or from the use of cutting oils for machining operations.

Subheading Notes

1. For the purposes of subheading 2701.11, "anthracite" means coal having a volatile matter limit (on a dry, mineral-matter-free basis) not exceeding 14 percent.
2. For the purposes of subheading 2701.12, "bituminous coal" means coal having a volatile matter limit (on a dry, mineral-matter-free basis) exceeding 14 percent and a calorific value limit (on a moist, mineral-matter-free basis) equal to or greater than 5,833 kcal/kg.

3. For the purposes of subheadings 2707.10, 2707.20, 2707.30 and 2707.40, the terms "benzol (benzene)", "toluol (toluene)", "xylol (xylenes)", and "naphthalene" apply to products which contain more than 50 percent by weight of benzene, toluene, xylenes or naphthalene, respectively.
4. For the purposes of subheading 2710.12, "light oils and preparations" are those of which 90 percent or more by volume (including losses) distill at 210 °C according to the ISO 3405 method (equivalent to the ASTM D 86 method).
5. For the purposes of the subheadings of heading 2710, the term "biodiesel" means mono-alkyl esters of fatty acids of a kind used as a fuel, derived from animal or vegetable fats and oils whether or not used.

Statistical Notes

1. For the purposes of this chapter, the term barrel (bbl) means a barrel of 158.98 liters (42 gallons) measured at 15.6 degrees C.
2. For the purposes of subheading 2701.19, "sub-bituminous coal" means coal that contains 20 to 30 percent inherent moisture by weight and a heat content of 17 to 20 million Btu per ton on a moist, mineral-matter-free basis.
3. For the purpose of heading 2710, "petroleum oils" includes only products having:
 - (a). A Congealing Point (ASTM D 938) of less than 30 degrees C; or
 - (b). If the Congealing Point is not less than 30 degrees C:
 - (i). a density at 70 degrees C of less than 0.942 and a Worked Cone Penetration (ASTM D 217) or a Cone Penetration (ASTM D 937) at 25 degrees C of not less than
 - (ii). if the density at 70 degrees C is not less than 0.942 having a Needle Penetration (ASTM D 5) at 25 degrees C of not less than 400.
4. For the purpose of subheading 2710.12.15, "motor fuel" is any product derived primarily from petroleum, shale or natural gas, whether or not containing additives, which is principally used as a fuel in internal-combustion or other engines.
5. For the purpose of subheadings 2710.12.18 and 2710.19.22, "motor fuel blending stock" means any product (except naphthas of subheading 2710.12.25) derived primarily from petroleum, shale oil or natural gas, whether or not containing additives, to be used for direct blending in the manufacture of motor fuel.
6. In determining the relative weights of components of the mixtures provided for in subheading 2710.12.45 and 2710.19.45, naphtha and other petroleum derivatives which may be present in such mixtures as solvents shall be disregarded.
7. Subheading 2712.10.00 does not include petroleum jelly, suitable for use for the care of the skin, put up in packings of a kind sold at retail for such use (subheading 3304.99.10).

8. For the purposes of heading 2716, the term "electrical energy" does not include electrical energy transmitted as a medium of communication.

| Schedule B No. and Headings | Commodity Description | Unit of Quantity | Second Quantity |
|--------------------------------|---|---------------------|--------------------|
| 27 | Mineral Fuels, Mineral Oils and Products of Their Distillation; Bituminous Substances; Mineral Waxes | | |
| 2701 | - Coal; briquettes, ovoids and similar solid fuels manufactured from coal: | | |
| | -- Coal, whether or not pulverized, but not agglomerated: | | |
| 2701.11.0000 | --- Anthracite | t | |
| 2701.12 | --- Bituminous coal: | | |
| 2701.12.0010 | ---- Metallurgical coal | t | |
| 2701.12.0050 | ---- Other | t | |
| 2701.19 | --- Other coal: | | |
| 2701.19.0010 | ---- Sub-bituminous coal | t | |
| 2701.19.0050 | ---- Other | t | |
| 2701.20.0000 | -- Briquettes, ovoids and similar solid fuels manufactured from coal | t | |
| 2702 | - Lignite, whether or not agglomerated, excluding jet: | | |
| 2702.10.0000 | -- Lignite, whether or not pulverized, but not agglomerated | t | |
| 2702.20.0000 | -- Agglomerated lignite | t | |
| 2703.00.0000 | - Peat (including peat litter), whether or not agglomerated | t | |
| 2704 | - Coke and semicoke of coal, of lignite or of peat, whether or not agglomerated; retort carbon: | | |
| 2704.00.0010 | -- Coal coke and semicoke, commercially suitable for use as fuel | t | |
| 2704.00.0020 | -- Coal coke and semicoke, not commercially suitable for use as fuel | t | |
| 2704.00.0050 | -- Other | t | |
| 2705.00.0000 | - Coal gas, water gas, producer gas and similar gases, other than petroleum gases and other gaseous hydrocarbons | Ths m3 | |
| 2706.00.0000 | - Tar distilled from coal, from lignite or from peat, and other mineral tars, whether or not dehydrated or partially distilled, including reconstituted tars | liters | |
| 2707 | - Oils and other products of the distillation of high temperature coal tar; similar products in which the weight of the aromatic constituents exceeds that of the nonaromatic constituents: | | |
| 2707.10.0000 | -- Benzene | liters | |
| 2707.20.0000 | -- Toluene | liters | |
| 2707.30 | -- Xylenes: | | |
| 2707.30.0020 | --- o-Xylene | liters | |
| 2707.30.0030 | --- p-Xylene | liters | |
| 2707.30.0060 | --- Other | liters | |
| 2707.40.0000 | -- Naphthalene | liters | |
| 2707.50.0000 | -- Other aromatic hydrocarbon mixtures of which 65 percent or more by volume (including losses) distills at 250 °C by the ISO 3405 method (equivalent to the ASTM D 86 method) | liters | |
| | -- Other: | | |
| 2707.91.0000 | --- Creosote oils | liters | |
| 2707.99 | --- Other: | | |
| 2707.99.1000 | ---- Light oil | liters | |
| 2707.99.2000 | ---- Picolines | kg | |

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|--------------------------------|---|---------------------|--------------------|
| 2707.99.4000 | ---- Carbazole having a purity of 65 percent or more by weight | kg | |
| | ---- Phenols: | | |
| 2707.99.5500 | ----- Metacresol, orthocresol, paracresol and metaparacresol, all the foregoing having a purity of 75 percent or more by weight | kg | |
| 2707.99.5800 | ----- Other | kg | |
| | ---- Other: | | |
| 2707.99.9010 | ----- Carbon black feedstock | Bbl | |
| 2707.99.9090 | ----- Other | kg | |
| 2708 | - Pitch and pitch coke, obtained from coal tar or from other mineral tars: | | |
| 2708.10.0000 | -- Pitch | kg | |
| 2708.20.0000 | -- Pitch coke | kg | |
| 2709 | - Petroleum oils and oils obtained from bituminous minerals, crude: | | |
| 2709.00.1000 | -- Testing under 25 degrees A.P.I. | Bbl | |
| | -- Testing 25 degrees A.P.I. or more: | | |
| 2709.00.2010 | --- Condensate derived wholly from natural gas | Bbl | |
| 2709.00.2090 | --- Other | Bbl | |
| 2710 | - Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere specified or included, containing by weight 70 percent or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations; waste oils: | | |
| | -- Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations not elsewhere specified or included, containing by weight 70 percent or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, other than those containing biodiesel and other than waste oils: | | |
| 2710.12 | --- Light oils and preparations: | | |
| | ---- Motor fuel: | | |
| 2710.12.1510 | ----- Gasoline, leaded | Bbl | |
| | ----- Gasoline, unleaded: | | |
| 2710.12.1514 | ----- Reformulated | Bbl | |
| 2710.12.1519 | ----- Other | Bbl | |
| 2710.12.1520 | ----- Jet fuel, naphtha-type | Bbl | |
| 2710.12.1550 | ----- Other | Bbl | |
| | ---- Motor fuel blending stock: | | |
| 2710.12.1805 | ----- Reformulated blendstock for oxygenate blending (RBOB) | Bbl | |
| 2710.12.1890 | ----- Other | Bbl | |
| 2710.12.2500 | ---- Naphthas (except motor fuel or motor fuel blending stock) | Bbl | |
| | ---- Other: | | |
| 2710.12.4500 | ----- Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound | Bbl | |
| | ----- Other: | | |
| 2710.12.9010 | ----- Petroleum derived alkylate | Bbl | |

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|--------------------------------|--|---------------------|--------------------|
| 2710.12.9050 | ----- Other | Bbl | |
| 2710.19 | --- Other: | | |
| | ---- Distillate and residual fuel oils (including blended fuel oils): | | |
| | ----- Testing under 25 degrees A.P.I.: | | |
| | ----- Having a Saybolt Universal viscosity at 37.8 degrees C of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils): | | |
| 2710.19.0605 | ----- Containing not more than 500 ppm of sulfur | Bbl | |
| 2710.19.0615 | ----- Containing more than 500 ppm of sulfur | Bbl | |
| | ----- Having a Saybolt Universal viscosity at 37.8 degrees C of more than 125 seconds (heavy fuel oils): | | |
| 2710.19.0621 | ----- Containing not more than 1,000 ppm of sulfur | Bbl | |
| 2710.19.0624 | ----- Containing more than 1,000 ppm of sulfur but not more than 5,000 ppm of sulfur | Bbl | |
| 2710.19.0626 | ----- Containing more than 5,000 ppm of sulfur but not more than 10,000 ppm of sulfur | Bbl | |
| 2710.19.0628 | ----- Containing more than 10,000 ppm of sulfur | Bbl | |
| 2710.19.0650 | ----- Other | Bbl | |
| | ----- Testing 25 degrees A.P.I. or more: | | |
| | ----- Having a Saybolt Universal viscosity at 37.8 degrees C of less than 45 seconds (light fuel oils): | | |
| 2710.19.1106 | ----- Containing not more than 15 ppm of sulfur | Bbl | |
| 2710.19.1109 | ----- Containing more than 15 ppm but not more than 500 ppm of sulfur | Bbl | |
| 2710.19.1112 | ----- Containing more than 500 ppm of sulfur | Bbl | |
| | ----- Having a Saybolt Universal viscosity at 37.8 degrees C of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils): | | |
| 2710.19.1115 | ----- Containing not more than 500 ppm of sulfur | Bbl | |
| 2710.19.1125 | ----- Containing more than 500 ppm of sulfur | Bbl | |
| 2710.19.1150 | ----- Having a Saybolt Universal viscosity at 37.8 degrees C of more than 125 seconds (heavy fuel oils) | Bbl | |
| 2710.19.1600 | ---- Kerosene-type jet fuel | Bbl | |
| | ---- Kerosene (except kerosene-type jet fuel): | | |
| 2710.19.2400 | ----- Motor fuel | Bbl | |
| 2710.19.2500 | ----- Motor fuel blending stock | Bbl | |
| 2710.19.2600 | ----- Kerosene (except motor fuel or motor fuel blending stock) | Bbl | |
| | ---- Lubricating oils and greases, with or without additives: | | |
| | ----- Oils: | | |
| 2710.19.3010 | ----- Aviation engine lubricating oils, except jet engine lubricating oils | Bbl | |
| 2710.19.3020 | ----- Automotive, diesel and marine engine (except turbine) lubricating oils | Bbl | |
| 2710.19.3030 | ----- Turbine lubricating oils, including marine | Bbl | |
| 2710.19.3040 | ----- Automotive gear oils | Bbl | |
| 2710.19.3050 | ----- Steam cylinder oils | Bbl | |
| 2710.19.3070 | ----- Quenching or cutting oils | Bbl | |

| Schedule B No. and Headings | Commodity Description | Unit of Quantity | Second Quantity |
|--------------------------------|--|---------------------|--------------------|
| 2710.19.3080 | ----- Other | Bbl | |
| 2710.19.3750 | ----- Greases | Bbl | |
| | ---- Other: | | |
| | ----- Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound: | | |
| | ----- White mineral oil: | | |
| 2710.19.4530 | ----- Medicinal grade | Bbl | |
| 2710.19.4540 | ----- Other | Bbl | |
| 2710.19.4545 | ----- Insulating or transformer oils | Bbl | |
| 2710.19.4590 | ----- Other | Bbl | |
| 2710.19.9000 | ----- Other | kg | |
| 2710.20.0000 | -- Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations not elsewhere specified or included, containing by weight 70 percent or more of petroleum oils or of oils obtained from bituminous minerals, these oils being the basic constituents of the preparations, containing biodiesel, other than waste oils | Bbl | |
| | -- Waste oils: | | |
| 2710.91.0000 | --- Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs) | Bbl | |
| 2710.99.0000 | --- Other | Bbl | |
| 2711 | - Petroleum gases and other gaseous hydrocarbons: | | |
| | -- Liquefied: | | |
| 2711.11.0000 | --- Natural gas | m3 | |
| 2711.12.0000 | --- Propane | m3 | |
| 2711.13.0000 | --- Butanes | m3 | |
| 2711.14.0000 | --- Ethylene, propylene, butylene and butadiene | kg | |
| 2711.19 | --- Other: | | |
| 2711.19.0010 | ---- Ethane | kg | |
| 2711.19.0020 | ---- Other | kg | |
| | -- In gaseous state: | | |
| 2711.21.0000 | --- Natural gas | m3 | |
| 2711.29.0000 | --- Other | kg | |
| 2712 | - Petroleum jelly; paraffin wax, microcrystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products obtained by synthesis or by other processes, whether or not colored: | | |
| 2712.10.0000 | -- Petroleum jelly | kg | |
| 2712.20.0000 | -- Paraffin wax containing by weight less than 0.75 percent of oil | kg | |
| 2712.90.0000 | -- Other | kg | |
| 2713 | - Petroleum coke, petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous minerals: | | |
| | -- Petroleum coke: | | |
| 2713.11.0000 | --- Not calcined | t | |
| 2713.12.0000 | --- Calcined | t | |
| 2713.20.0000 | -- Petroleum bitumen | t | |

| Schedule B No. and Headings | Commodity Description | Unit of Quantity | Second Quantity |
|--------------------------------|---|---------------------|--------------------|
| 2713.90.0000 | - - Other residues of petroleum oils or of oils obtained from bituminous minerals | t | |
| 2714 | - Bitumen and asphalt, natural; bituminous or oil shale and tar sands; asphaltites and asphaltic rocks: | | |
| 2714.10.0000 | - - Bituminous or oil shale and tar sands | t | |
| 2714.90.0000 | - - Other | t | |
| 2715.00.0000 | - Bituminous mixtures based on natural asphalt, on natural bitumen, | t | |
| 2716.00.0000 | - Electrical energy | MWh | |