

## 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.

## Section V – Chapter 27

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 2710.11, "light oils and preparations" are those of which 90 percent or more by volume (including losses) distill at 210 °C (ASTM D 86 method).

### Statistical Notes

1. 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 350; or
    - (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.
2. For the purpose of subheading 2710.11.15, "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.
3. For the purpose of subheadings 2710.11.18 and 2710.19.22, "motor fuel blending stock" means any product (except naphthas of subheading 2710.11.25) 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.
4. 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.
5. In determining the relative weights of components of the mixtures provided for in subheading 2710.11.45 and 2710.19.45, naphtha and other petroleum derivatives which may be present in such mixtures as solvents shall be disregarded.
6. For the purposes of heading 2716, the term "electrical energy" does not include electrical energy transmitted as a medium of communication.
7. For the purposes of heading 2711.11, the quantity of liquefied natural gas shall be reported on a gaseous equivalent volume basis.
8. 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).

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
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
2701.19.0000	Other coal .....	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 m <sup>3</sup>
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 .....	liter

## Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
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 .....	liter
2707.20.0000	Toluene .....	liter
2707.30	Xylenes:	
2707.30.0020	o-Xylene .....	liter
2707.30.0030	p-Xylene .....	liter
2707.30.0060	Other .....	liter
2707.40.0000	Naphthalene .....	liter
2707.50.0000	Other aromatic hydrocarbon mixtures of which 65 percent or more by volume (including losses) distills at 250 degrees C by the ASTM D 86 method .....	liter
	Other:	
2707.91.0000	Creosote oils .....	liter
2707.99	Other:	
2707.99.1000	Light oil .....	liter
2707.99.2000	Picolines .....	kg
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

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
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 waste oils:	
2710.11	Light oils and preparations:	
	Motor fuel:	
2710.11.1510	Gasoline, leaded .....	Bbl
	Gasoline, unleaded:	
2710.11.1514	Reformulated .....	Bbl
2710.11.1519	Other .....	Bbl
2710.11.1520	Jet fuel, naphtha-type .....	Bbl
2710.11.1550	Other .....	Bbl
	Motor fuel blending stock:	
2710.11.1805	Reformulated blendstock for oxygenate blending (RBOB) .....	Bbl
2710.11.1890	Other .....	Bbl

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
2710 (con.)	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere etc. – (con.):	
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations etc. – (con.):	
2710.11 (con.)	Light oils and preparations (con.):	
2710.11.2500	Naphthas (except motor fuel or motor fuel blending stock) .....	Bbl
	Other:	
2710.11.4500	Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound .....	Bbl
2710.11.9000	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):	
2710.19.0505	Containing not more than 500 ppm of sulfur .....	Bbl
2710.19.0515	Containing more than 500 ppm of sulfur .....	Bbl
2710.19.0520	Having a Saybolt Universal viscosity at 37.8 degrees C of more than 125 seconds (heavy fuel oils) .....	Bbl
2710.19.0550	Other .....	Bbl

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
2710 (con.)	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations not elsewhere etc. – (con.):	
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations etc. – (con.):	
2710.19 (con.)	Other (con.):	
	Distillate and residual fuel oils (including blended fuel oils) (con.):	
	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):	
2710.19.0910②	Containing not more than 15 ppm of sulfur .....	Bbl
2710.19.0920②	Containing more than 15 ppm but not more than 500 ppm of sulfur .....	Bbl
2710.19.0925②	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):	
2710.19.1015	Containing not more than 500 ppm of sulfur .....	Bbl
2710.19.1025	Containing more than 500 ppm of sulfur .....	Bbl
2710.19.1050	Having a Saybolt Universal viscosity at 37.8 degrees C of more than 125 seconds (heavy fuel oils) .....	Bbl
2710.19.1500	Kerosene-type jet fuel .....	Bbl

Revised 01/01/09

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
2710 (con.)	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations, etc. – (con.):	
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations, etc. – (con.):	
2710.19 (con.)	Other (con.):	
	Kerosene (except kerosene–type jet fuel):	
2710.19.2100	Motor fuel .....	Bbl
2710.19.2200	Motor fuel blending stock .....	Bbl
2710.19.2300	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
2710.19.3080	Other .....	Bbl
2710.19.3750	Greases .....	Bbl

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
2710 (con.)	Petroleum oils and oils obtained from bituminous minerals, other than crude; preparations, etc. – (con.):	
	Petroleum oils and oils obtained from bituminous minerals (other than crude) and preparations, etc. – (con.):	
2710.19 (con.)	Other (con.):	
	Other:	
	Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound:	
2710.19.4530	White mineral oil, medicinal grade .....	Bbl
2710.19.4540	White mineral oil, except medicinal grade .....	Bbl
2710.19.4545	Insulating or transformer oils .....	Bbl
2710.19.4590	Other .....	Bbl
2710.19.9000	Other .....	kg
	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 .....	Ths m <sup>3</sup>
2711.12.0000	Propane .....	Bbl
2711.13.0000	Butanes .....	Bbl

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
2711(con.)	Petroleum gases and other gaseous hydrocarbons (con.): Liquefied (con.):	
2711.14.0000	Ethylene, propylene, butylene and butadiene .....	kg
2711.19.0000	Other .....	X
	In gaseous state:	
2711.21.0000	Natural gas .....	Ths m <sup>3</sup>
2711.29.0000	Other .....	Bbl
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
2713.90.0000	Other residues of petroleum oils or of oils obtained from bituminous minerals .....	t

Section V – Chapter 27

Schedule B No. and Headings	Commodity Description	Unit of Quantity
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, on petroleum bitumen, on mineral tar or on mineral tar pitch (for example, bituminous mastics, cut-backs) .....	t
2716.00.0000	Electrical energy .....	kWh