

## CHAPTER 27

MINERAL FUELS, MINERAL OILS AND PRODUCTS  
OF THEIR DISTILLATION; BITUMINOUS SUBSTANCES;  
MINERAL WAXESV  
27-1Notes

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°C, after conversion to 1,013 millibars when a reduced-pressure distillation method is used (chapter 39).

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, 2707.40 and 2707.60, the terms "benzene," "toluene," "xylene," "naphthalene" and "phenols" apply to products which contain more than 50 percent by weight of benzene, toluene, xylene, naphthalene or phenols, respectively.

Additional U.S. Notes

1. (a) Crude petroleum oils, crude oils obtained from bituminous minerals and reconstituted crude petroleum shall, if products of Canada, be admitted free of duty and any entry therefor shall be liquidated or reliquidated accordingly if, on or before the 180th day after the date of entry, documentation is filed with the customs officer concerned establishing that, pursuant to a commercial exchange agreement between the United States and Canadian refiners which has been approved by the Secretary of Energy--
  - (i) An import license for the products covered by such entry has been issued by the Secretary; and
  - (ii) An equivalent amount of domestic or duty-paid foreign crude petroleum oils, crude oils obtained from bituminous minerals or reconstituted crude petroleum have, pursuant to such commercial exchange agreement and to an export license issued by the Secretary of Commerce, been exported from the United States to Canada and have not previously been used to effect the duty-free entry of like Canadian products under this U.S. note.
- (b) The Secretary of the Treasury, after consulting with the Secretary of Commerce and the Secretary of Energy, shall issue such rules or regulations as may be necessary governing the admission of Canadian products pursuant to the provisions of this U.S. note.
2. For the purposes of heading 2710, "petroleum oils" includes only products having:
  - (a) A Congealing Point (ASTM D 938) of less than 30°C; or
  - (b) If the Congealing Point is not less than 30°C:
    - (i) A density at 70°C of less than 0.942 and a Worked Cone Penetration (ASTM D 217) or a Cone Penetration (ASTM D 937) at 25°C of not less than 350; or
    - (ii) If the density at 70°C is not less than 0.942 having a Needle Penetration (ASTM D 5) at 25°C of not less than 400.
3. For the purposes of subheading 2710.00.15, "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.

4. For the purposes of subheading 2710.00.18, "motor fuel blending stock" means any product (except naphthas of subheading 2710.00.25) 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.
5. In determining the relative weights of components of the mixtures provided for in subheading 2710.00.45, naphtha and other petroleum derivatives which may be present in such mixtures as solvents shall be disregarded.
6. For the purposes of heading 2716:
  - (a) The term "electrical energy" does not include electrical energy transmitted as a medium of communication; and
  - (b) Electrical energy shall not be subject to the entry requirements for imported merchandise set forth in section 484 of the Tariff Act of 1930, as amended, (19 U.S.C. 1484), but shall be entered on a periodic basis in accordance with regulations to be prescribed by the Secretary of the Treasury.
7. For the purposes of this chapter, the term barrel (bbl) means a barrel of 158.98 liters measured at 15.6°C.

Statistical Note

1. For the purposes of statistical reporting number 2711.11.0000, the volume of liquid natural gas shall be reported on a gaseous equivalent volume basis.

2701		Coal; briquettes, ovoids and similar solid fuels manufactured from coal:					
		Coal, whether or not pulverized, but not agglomerated:					
2701.11.00	00 5	Anthracite.....	t.....	Free			Free
2701.12.00		Bituminous coal.....	.....	Free			Free
	10 2	Metallurgical coal.....	t				
	50 3	Other.....	t				
2701.19.00	00 7	Other coal.....	t.....	Free			Free
2701.20.00	00 4	Briquettes, ovoids and similar solid fuels manufactured from coal.....	t.....	Free			Free
2702		Lignite, whether or not agglomerated, excluding jet:					
2702.10.00	00 5	Lignite, whether or not pulverized, but not agglomerated.....	t.....	Free			Free
2702.20.00	00 3	Agglomerated lignite.....	t.....	Free			Free
2703.00.00	00 6	Peat (including peat litter), whether or not agglomerated.....	t.....	Free			Free
2704.00.00		Coke and semicoke of coal, of lignite or of peat, whether or not agglomerated; retort carbon.....	.....	Free			Free
		Coke and semicoke of coal:					
		Commercially suitable for use as fuel:					
	05 0	In briquettes.....	t				
	15 8	Other.....	t				
	20 1	Other.....	t				
	50 4	Other.....	t				
2705.00.00	00 4	Coal gas, water gas, producer gas and similar gases, other than petroleum gases and other gaseous hydrocarbons.....	thousand m <sup>3</sup>	Free			Free
2706.00.00	00 3	Tar distilled from coal, from lignite or from peat, and other mineral tars, whether or not dehydrated or partially distilled, including reconstituted tars.....	liters..	Free			Free
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:					
2707.10.00	00 0	Benzene.....	liters..	Free			Free
2707.20.00	00 8	Toluene.....	liters..	Free			Free
2707.30.00		Xylenes.....	.....	Free			Free
	10 4	m-Xylene.....	liters				
	20 2	o-Xylene.....	liters				
	30 0	p-Xylene.....	liters				
	40 8	Other.....	liters				
2707.40.00	00 4	Naphthalene.....	kg.....	Free			Free
2707.50.00	00 1	Other aromatic hydrocarbon mixtures of which 65 percent or more by volume (including losses) distills at 250°C by the ASTM D 86 method.....	kg.....	Free			Free
2707.60.00	00 9	Phenols.....	kg.....	2.9¢/kg + 12.5%	Free (A,E,IL) 1.1¢/kg + 5% (CA)		7.7¢/kg + 29.5%
		Other:					
2707.91.00	00 2	Creosote oils.....	liters..	Free			Free
2707.99		Other:					
2707.99.10	00 2	Light oil.....	liters..	Free			Free
2707.99.20	00 0	Picolines.....	kg.....	Free			Free
2707.99.30	00 8	Metacresol, orthocresol, paracresol and metaparacresol, all the foregoing having a purity of 75 percent or more by weight.....	kg.....	1.1¢/kg + 3.7%	Free (A,E,IL) 0.4¢/kg + 1.4% (CA)		15.4¢/kg + 42.5%
2707.99.40	00 6	Carbazole having a purity of 65 percent or more by weight.....	kg.....	1.8¢/kg + 6.1%	Free (A,E,IL) 0.7¢/kg + 2.4% (CA)		15.4¢/kg + 40%
2707.99.50	00 3	Other.....	kg.....	Free			Free

2708		Pitch and pitch coke, obtained from coal tar or from other mineral tars:				
2708.10.00	00 9	Pitch.....	kg.....	Free		Free
2708.20.00	00 7	Pitch coke.....	kg.....	Free		Free
2709.00		Petroleum oils and oils obtained from bituminous minerals, crude:				
2709.00.10	00 8	Testing under 25 degrees A.P.I.....	bbL.....	5.25¢/bbL	Free (IL) 2.1¢/bbL (CA)	21¢/bbL
2709.00.20	00 6	Testing 25 degrees A.P.I. or more.....	bbL.....	10.5¢/bbL	Free (IL) 4.2¢/bbL (CA)	21¢/bbL
2710.00		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:				
		Distillate and residual fuel oils (including blended fuel oils):				
2710.00.05		Testing under 25 degrees A.P.I.....		5.25¢/bbL	Free (IL) 2.1¢/bbL (CA)	21¢/bbL
	10 0	Having a Saybolt Universal viscosity at 37.8°C of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils).....	bbL			
		Having a Saybolt Universal viscosity at 37.8°C of more than 125 seconds (heavy fuel oils):				
	25 3	Fuel oil No. 5.....	bbL			
	30 6	Fuel oil No. 6.....	bbL			
	35 1	Other.....	bbL			
	50 1	Other.....	bbL			
2710.00.10		Testing 25 degrees A.P.I. or more.....		10.5¢/bbL	Free (IL) 4.2¢/bbL (CA)	21¢/bbL
		Having a Saybolt Universal viscosity at 37.8°C of less than 45 seconds (light fuel oils):				
		Fuel oils Nos. 2 and 3:				
	02 3	Diesel oil.....	bbL			
	03 2	Other.....	bbL			
	09 6	Other.....	bbL			
	20 1	Other.....	bbL			
		Having a Saybolt Universal viscosity at 37.8°C of 45 seconds or more but not more than 125 seconds (No. 4-type fuel oils).....	bbL			
	50 4	Having a Saybolt Universal viscosity at 37.8°C of more than 125 seconds (heavy fuel oils).....	bbL			
2710.00.15		Motor fuel.....		52.5¢/bbL <u>1/</u>	Free (IL) <u>1/</u> 21¢/bbL (CA) <u>1/</u>	\$1.05/bbL <u>1/</u>
		Gasoline:				
	10 8	Leaded.....	bbL			
	15 3	Unleaded.....	bbL			
	20 6	Jet fuel, naphtha-type.....	bbL			
	30 4	Jet fuel, kerosene-type.....	bbL			
	50 9	Other.....	bbL			
2710.00.18	00 7	Motor fuel blending stock.....	bbL.....	52.5¢/bbL <u>1/</u>	Free (IL) <u>1/</u> 21¢/bbL (CA) <u>1/</u>	\$1.05/bbL <u>1/</u>
2710.00.20	00 3	Kerosene (except motor fuel or motor fuel blending stock).....	bbL.....	10.5¢/bbL	Free (IL) 4.2¢/bbL (CA)	21¢/bbL
2710.00.25	00 8	Naphthas (except motor fuel or motor fuel blending stock).....	bbL.....	10.5¢/bbL	Free (IL) 4.2¢/bbL (CA)	21¢/bbL

1/ Imports of motor fuel containing ethyl alcohol are subject to additional duties. See heading 9901.00.50.

2710.00 (con.)	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 (con.):			
	Lubricating oils and greases, with or without additives:			
2710.00.30	Oils.....	84¢/bbl	Free (IL) 33.6¢/bbl (CA)	\$1.68/bbl
10 9	Aviation engine lubricating oils....	bbl		
20 7	Automotive, diesel or marine engine lubricating oils.....	bbl		
30 5	Turbine lubricating oil, including marine.....	bbl		
40 3	Automotive gear oils.....	bbl		
50 0	Steam cylinder oils.....	bbl		
70 6	Quenching or cutting oils.....	bbl		
80 4	Other.....	bbl		
	Greases:			
2710.00.35 00 6	Containing not over 10 percent by weight of salts of fatty acids of animal (including marine animal) or vegetable origin.....	kg..... 5.8%	Free (A,IL) 2.3% (CA)	20%
2710.00.40 00 9	Other.....	kg..... 1.3¢/kg + 5.7%	Free (A,IL) 0.5¢/kg + 2.2% (CA)	4.4¢/kg + 20%
	Other:			
2710.00.45	Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound.....	10.5¢/bbl	Free (IL) 4.2¢/bbl (CA)	21¢/bbl
10 2	Condensate derived wholly from natural gas.....	bbl		
	White mineral oil:			
30 8	Medicinal grade.....	bbl		
40 6	Other.....	bbl		
45 1	Insulating or transformer oils.....	bbl		
90 5	Other.....	bbl		
2710.00.60 00 4	Other.....	kg..... 7%	Free (E,IL) 2.8% (CA)	25%

2711		Petroleum gases and other gaseous hydrocarbons:			
		Liquefied:			
2711.11.00	00 3	Natural gas.....	thousand m <sup>3</sup>	Free	Free
2711.12.00	10 0	Propane.....	.....	Free	Free
		Propane with a minimum purity of 90 liquid volume percent.....	bb1		
	20 8	Other.....	bb1		
2711.13.00	10 9	Butanes.....	.....	Free	Free
		Butanes with a purity of 90 liquid volume percent or more, but less than 95 liquid volume percent.....	bb1		
	20 7	Other.....	bb1		
2711.14.00	00 0	Ethylene, propylene, butylene and butadiene.....	kg.....	Free	Free
2711.19.00		Other.....	.....	Free	Free
	10 3	Ethane.....	bb1		
	20 1	Other.....	X		
		In gaseous state:			
2711.21.00	00 1	Natural gas.....	thousand m <sup>3</sup>	Free	Free
2711.29.00		Other.....	.....	Free	Free
		Propane:			
	10 1	Propane with a minimum purity of 90 liquid volume percent....	bb1		
	15 6	Other.....	bb1		
		Butanes:			
	20 9	Butanes with a purity of 90 liquid volume percent or more, but less than 95 liquid volume percent.....	bb1		
	25 4	Other.....	bb1		
	60 0	Other.....	X		
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 pro- cesses, whether or not colored:			
2712.10.00	00 3	Petroleum jelly.....	kg.....	Free	Free
2712.20.00	00 1	Paraffin wax containing by weight less than 0.75 percent of oil.....	kg.....	Free	2.2¢/kg
		Other:			
2712.90		Montan wax.....	kg.....	Free	Free
2712.90.10	00 4	Other.....	kg.....	Free	2.2¢/kg
2712.90.20	00 2				

2713			Petroleum coke, petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous minerals:			
			Petroleum coke:			
2713.11.00	00 1		Not calcined.....	t.....	Free	Free
2713.12.00	00 0		Calcined.....	t.....	3%	Free (A,CA,E,IL) 45%
2713.20.00	00 0		Petroleum bitumen.....	t.....	Free	Free
2713.90.00	00 5		Other residues of petroleum oils or of oils obtained from bituminous materials.....	t.....	Free	Free
2714			Bitumen and asphalt, natural; bituminous or oil shale and tar sands; asphaltites and asphaltic rocks:			
2714.10.00	00 1		Bituminous or oil shale and tar sands.....	t.....	Free	Free
2714.90.00	00 4		Other.....	t.....	Free	Free
2715.00.00	00 2		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.....	Free	Free
2716.00.00	00 1		Electrical energy.....	kWh.....	Free	Free