

## 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, vegetable or microbial 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. For the purposes of statistical reporting numbers 2710.12.4560 and 2710.19.4550, the term "renewable fuels" means fuels produced from biogenic material according to the ISO 16620-2 method (equivalent to the ASTM D 6866 method).

7. 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.
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).
9. 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:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
2707.91.0000	--- Creosote oils	liters	
2707.99	--- Other:		
2707.99.1000	---- Light oil	liters	
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 metaparakresol, 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:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
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:		
2710.12.3500	----- Natural gasoline derived wholly from natural gas	Bbl	
	----- Mixtures of hydrocarbons not elsewhere specified or included, which contain by weight not over 50 percent of any single hydrocarbon compound		
2710.12.4560	----- Renewable fuels blends containing not less than 51 percent by volume of biofuel, as described in statistical note 6 to this chapter	Bbl	
2710.12.4595	----- Other	Bbl	
	----- Other:		
2710.12.9010	----- Petroleum derived alkylate	Bbl	
2710.12.9090	----- 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	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	----- 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	
2710.19.3080	----- Other	Bbl	
2710.19.3750	----- Greases	Bbl	
	---- Other:		
2710.19.45	----- 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	
	----- Other		
2710.19.4550	----- Renewable fuels blends containing not less than 51 percent by volume of biofuel, as described in statistical note 6 to this chapter	Bbl	
2710.19.4595	----- Other	Bbl	
2710.19.9000	----- Other	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
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	--- Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs)		
2710.91.0010	----Containing polychlorinated biphenyls (PCBs) at a concentration level of 50 mg/kg or more	Bbl	
2710.91.0050	----Other, containing polychlorinated terphenyls (PCTs) or polybrominated biphenyls (PBBs), whether or not also containing polychlorinated biphenyls (PCBs) at a concentration level of less than 50 mg/kg	Bbl	
2710.99.0000	--- Other	Bbl	
2711	- Petroleum gases and other gaseous hydrocarbons:		
	-- Liquefied:		
2711.11.0000	--- Natural gas	m3	
2711.12	--- Propane:		
2711.12.0010	---- Propane with a minimum purity of 90 liquid volume percent	m3	
2711.12.0020	---- Other	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	



Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
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	
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	