

2012 EIA-821 SURVEY: LINE-BY-LINE REFERENCE GUIDE

Kerosene

Line No.	Sold directly to consumers for:	
1	Residential Use (Non-Farm):	<ul style="list-style-type: none"> • Backup generator • Home heating and cooking • Personal lawn equipment • EXCLUDE: Apartment buildings and Farmhouses
2	Commercial Use:	<ul style="list-style-type: none"> • Apartment building • Bank • Casino • Church • College/School/Institution • Department/Retail store • Environmental clean-up service • Flushing fuel lines • Forestry service • Golf course • Government (Federal, State, local, and district; INCLUDE fuel used in vehicles) • Hazardous waste company • Hospital • Hotel/Motel • Landfill site government owned • Landscaping • Laundry company • Lumber yard that sells the lumber • Medical service • Port Authority/publicly owned port or loading dock • Post/Base exchanges (PX) for use at location • Ski resort • Utilities not generating electricity (e.g., sewer, gas, and water) • Also INCLUDE: Military Use as defined on page 3 for Lines 30 through 32 Off-highway Use as defined on page 3 for Lines 41 through 46 On-highway Use as defined on page 3 for Lines 39 and 40 Railroad Use as defined on page 2 for Lines 24 through 26 Vessel Bunkering as defined on page 2 for Lines 27 through 29 • EXCLUDE: Kero-jet/jet fuel
3	Industrial Use:	<ul style="list-style-type: none"> • Asphalt (blacktop) production companies • Assembly plant • Chemical production company • Food processing company • Gravel pit/Quarry • Manufacturing company • Manufacturing or repairing ships, vessels, and boats • Mills - saw/paper • Mining company/Strip mine • Printing/publishing company • Recycling company • Also INCLUDE: Electric Power Use as defined on page 3 for Lines 33 through 35 Oil Company Use as defined on page 2 for Lines 21 through 23
4	Farm Use:	<ul style="list-style-type: none"> • Crop heater/Smudge pot • Farm home heating • Livestock and animal production • Planting and harvesting
5	All Other Uses (Including own company, please specify):	<ul style="list-style-type: none"> • Company's own use • Please specify the use of any volumes • Also INCLUDE: volumes not listed in Lines 1 through 4 above or Line 6 below
6	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> • Company that resells the product • Gas station • Post/Base exchanges (PX) for resale • Refiner • Truck stop
7	Total Kerosene (Add Lines 1 thru 6)	

Distillate Fuel Oil

Residential Use (Non-Farm):		
8	No. 1	<ul style="list-style-type: none"> • Backup generator • Home heating and cooking • Personal lawn equipment • EXCLUDE: Apartment buildings and Farmhouses
9	No. 2	
Commercial Use (See Reference Guide):		
10	No. 1	<ul style="list-style-type: none"> • Airport ground equipment • Apartment building • Bank • Casino • Church • College/School/Institution • Company's own use (exclude diesel used in your vehicles) • Department store/Retail Store • Environmental clean-up service • Flushing fuel lines • Forestry service • Golf course • Government (Federal, State, local, and district; INCLUDE fuel used in vehicles) • Hazardous waste company • Hospital • Hotel/Motel • Landfill site government owned (exclude private landfill, see Off-highway, as defined on page 3 for Lines 41 through 43) • Landscaping • Laundry company • Lumber yard that sells the lumber • Medical service • Port Authority/publicly owned port or loading dock • Post/Base exchanges (PX) for use at location • Ski resort • Utilities not generating electricity (e.g., sewer, gas, and water) • EXCLUDE: Buses, trucks, and trucking companies. See On-highway Diesel Use (Lines 39 and 40) as defined on page 3.
11	No. 2 Fuel Oil	
12	No. 2 Diesel ≤ 15 ppm Sulfur, Ultra Low	
13	No. 2 Diesel > 15 and ≤ 500 ppm Sulfur, Low	
14	No. 2 Diesel > 500 ppm Sulfur, High	
15	No. 4	
16	No. 1	
17	No. 2 Fuel Oil	
18	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	
19	No. 2 Diesel > 500 ppm Sulfur, High	
20	No. 4	
Oil Company Use (Drilling and Own Company Refining):		
21	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Company's own use for operations in drilling equipment and at the refinery • Exploration company • Oil drilling company • Oilfield service company • Pipeline company • EXCLUDE: Feed stocks
22	No. 2 Diesel > 500 ppm Sulfur, High	
23	Other Distillate	
Railroad Use:		
24	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Railroad company (Transit and Scenic)
25	No. 2 Diesel > 500 ppm Sulfur, High	
26	Other Distillate	

Distillate Fuel Oil - continued

Vessel Bunkering:		
27	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Barge company • Fire Boat • Fishing Boat • Marina • Police Boat • Vessel/Ship • EXCLUDE: Military Use
28	No. 2 Diesel > 500 ppm Sulfur, High	
29	Other Distillate	
Military Use:		
30	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Army Corps of Engineers • Coast Guard (include bunker fuel for vessels) • Defense Energy Support Center (DESC) • Military • United States Armed Services (include bunker fuel for vessels) • EXCLUDE: Post/Base exchanges (PX) for resale
31	No. 2 Diesel > 500 ppm Sulfur, High	
32	Other Distillate	
Electric Power Use (Electric utility and Nonutility):		
33	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Electric power generation company (includes combined heat and power plants) that sell electricity on or into the grid.
34	No. 2 Diesel > 500 ppm Sulfur, High	
35	Other Distillate	
Farm Use:		
36	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Crop heater/Smudge pots • Farm equipment • Farmhome heating • Irrigation pumps for farms • Livestock and animal production • Planting and harvesting
37	No. 2 Diesel > 500 ppm Sulfur, High	
38	Other Distillate	
On-highway Diesel Use:		
39	Diesel ≤ 15 ppm Sulfur, Ultra Low	<ul style="list-style-type: none"> • Line 40 should be blank due to EPA standards for on-highway diesel • Report No.1 and No. 2 Diesel • Bus (private, public, and transit authority) company • Company operated retail outlet/card-lock • Company's own use in vehicles for marketing and distribution • Post/Base exchanges (PX) for resale • School buses • Trucks that travel on the road • Trucking company • EXCLUDE: Government vehicles
40	Diesel > 15 and ≤ 500 ppm Sulfur, Low	
Off-highway Use: Construction:		
41	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Construction company • Construction crane • Dredging Company • Earth moving equipment • Excavating company • Landfill site privately owned (exclude government landfill, see Commercial, as defined on page 2 for Lines 10 through 15) • Paving company • Road building/repair
42	No. 2 Diesel > 500 ppm Sulfur, High	
43	Other Distillate	
Off-highway Use: Other (Specify e.g., Logging):		
44	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> • Geothermal energy drilling company • Logging company • Privately owned port or loading dock • Truck refrigeration unit (reefer) • Scrap/junk yard • Water well drilling company
45	No. 2 Diesel > 500 ppm Sulfur, High	
46	Other Distillate	
47	All Other Uses (Specify):	<ul style="list-style-type: none"> • Please specify the use of any volumes
48	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> • Company that resells the product • Gas station • Refiner • Truck stop
49	Total Distillate (Add Lines 8 thru 48)	

Residual Fuel Oil

50	Commercial Use (Nonmanufacturing):	<ul style="list-style-type: none"> • Apartment building • Bank • Casino • Church • College/School/Institution • Department/Retail store • Environmental clean-up service • Forestry service • Golf course • Government (Federal, State, local and district) • Hazardous waste company • Hospital • Hotel/Motel • Laundry company • Lumber yard that sells the lumber • Medical service • Port Authority/publicly owned port or loading dock • Post/Base exchanges (PX) for use at location • School bus company, non-vehicle use • Ski resort • Utilities not generating electricity (e.g., sewer, gas, and water) • Also INCLUDE: Off-highway as defined on page 3 for Lines 41 through 46
51	Industrial Use (Manufacturing and Mining):	<ul style="list-style-type: none"> • Asphalt (blacktop) production companies • Assembly plant • Chemical production company • Food processing company • Gravel pit/Quarry • Manufacturing company • Manufacturing or repairing ships, vessels, and boats • Mills - saw/paper • Mining company/Strip mine • Printing/publishing company • Recycling company
52	Oil Company Use (Drilling and Own Company Refining):	<ul style="list-style-type: none"> • Company's own use for operations in drilling equipment and at the refinery • Exploration company • Oil drilling company • Oilfield service company • Pipeline company • EXCLUDE: Feed stocks
53	Vessel Bunkering (Shipping and Boating):	<ul style="list-style-type: none"> • Barge company • Fire/Police/Fishing Boats • Vessel/Ship • EXCLUDE: Military Use
54	Military Use:	<ul style="list-style-type: none"> • Army Corps of Engineers • Coast Guard (include bunker fuel for vessels) • Defense Energy Support Center (DESC) • Military • United States Armed Services (include bunker fuel for vessels)
55	Electric Power Use (Electric utility and Nonutility):	<ul style="list-style-type: none"> • Electric power generation company (includes combined heat and power plants) that sell electricity on or into the grid.
56	All Other Uses (Specify):	<ul style="list-style-type: none"> • Please specify the use of any volumes • Also INCLUDE: Railroad Use as defined on page 2 for Lines 24 through 26 Farm Use as defined on page 3 for Lines 36 through 38
57	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> • Company that resells the product • Refiner
58	Total Residual (Add Lines 50 thru 57)	

How to Submit Forms:

Secure File Transfer option available at: <https://signon.eia.doe.gov/upload/noticeoog.jsp>

Email form to: OOG.SURVEYS@eia.doe.gov

Fax form to: (202) 586-9772, Attn: EIA-821

Mail form to: **Oil & Gas Survey
U.S. Department of Energy
Ben Franklin Station
PO Box 279
Washington, DC 20044-0279**