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Estimated 1945 Supply of Liquid Fuels and Lubricants in Axis Europe.
(metric tons)

	Aviation Gasoline	Motor Fuel	Kerosene	Lubes	Gas oil & Dist. Fuel	Fuel Oil	Total
GERMANY							
Crude Oil Refining	-	223,000	51,000	212,000	102,000	338,000	926,000
Hydrogenation	1,480,000	1,300,000	-	210,000	1,095,000	-	4,085,000
Fischer-Tropsch	50,000	630,000	-	70,000	590,000	-	1,340,000
Aromatics (Benzol)	80,000	300,000	-	-	-	-	380,000
Tar Oils	-	80,000	-	-	150,000	682,000	912,000
Alcohols	-	50,000	-	-	-	-	50,000
Regenerated Lubes	-	-	-	131,980	-	-	131,980
Vegetable Oils	-	-	-	2,000	-	-	2,000
Bottled Gases	-	313,000	-	-	-	-	313,000
TOTAL	1,610,000	2,896,000	51,000	625,980	1,937,000	1,020,000	8,139,980
CZECHOSLOVAKIA							
Crude Oil Refining	-	3,200	3,413	6,400	6,827	9,280	29,120
Hydrogenation	-	230,000	-	-	20,000	-	250,000
Fischer-Tropsch	-	-	-	-	-	-	-
Aromatics (Benzol)	10,000	40,000	-	-	-	-	50,000
Tar Oils	-	-	-	-	-	-	-
Alcohols	-	4,000	-	-	-	-	4,000
Regenerated Lubes	-	-	-	7,720	-	-	7,720
Vegetable Oils	-	-	-	-	-	-	-
TOTAL	10,000	277,200	3,413	14,120	26,827	9,280	340,840
AUSTRIA							
Crude Oil Refining	-	120,000	90,000	250,000	180,000	270,000	910,000
Hydrogenation	-	-	-	-	-	-	-
Fischer-Tropsch	-	-	-	-	-	-	-
Aromatics (Benzol)	-	20,000	-	-	-	-	20,000
Tar Oils	-	-	-	-	-	48,000	48,000
Alcohols	-	-	-	-	-	-	-
Regenerated Lubes	-	-	-	6,420	-	-	6,420
Vegetable Oils	-	-	-	-	-	-	-
TOTAL	-	140,000	90,000	256,420	180,000	318,000	984,420

(1.5 million)

(4.2 million)

14,370,000

(7.9)

53% all

(7.9)

5.7 million

8.5 million

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	<u>Aviation</u> <u>Gasoline</u>	<u>Motor</u> <u>Fuel</u>	<u>Kerosene</u>	<u>Lubes</u>	<u>Gas Oil</u> <u>& Dist. Fuel</u>	<u>Fuel Oil</u>	<u>Total</u>
ITALY							
Crude Oil refining	-	17,710	10,780	3,850	21,560	16,170	70,070
Aromatics (Benzol)	-	10,000	-	-	-	-	10,000
Tar Oils	-	-	-	-	25,000	95,000	120,000
Alcohols	-	51,000	-	-	-	-	51,000
Regenerated Lubes	-	-	-	17,400	-	-	17,400
TOTAL	-	78,710	10,780	21,250	46,560	111,170	266,470
HUNGARY							
Crude oil Refining	-	192,000	120,000	32,000	240,000	144,000	728,000
Alcohols	-	3,700	-	-	-	-	3,700
Regenerated Lubes	-	-	-	4,080	-	-	4,080
TOTAL	-	195,700	120,000	36,080	240,000	144,000	735,780
ROMANIA							
Crude Oil Refining	160,000	1,942,000	354,666	152,000	709,334	1,166,000	4,484,000
Regenerated Lubes	-	-	-	7,200	-	-	7,200
TOTAL	160,000	1,942,000	354,666	159,200	709,334	1,166,000	4,491,200
FRANCE							
Crude Oil Refining	-	22,000	8,333	21,000	16,667	22,000	90,000
Hydrogenation	-	20,000	-	-	-	-	20,000
Fischer-Tropsch	-	30,000	-	-	-	-	30,000
Aromatics (Benzol)	-	54,000	-	-	-	-	54,000
Tar Oils	-	-	-	-	15,000	85,000	100,000
Alcohols	-	52,000	-	-	-	-	52,000
Regenerated Lubes	-	-	-	16,200	-	-	16,200
Vegetable Oils	-	-	-	1,000	-	-	1,000
TOTAL	-	178,000	8,333	38,200	31,667	107,000	363,200

Total Supply France = 4,100,000 and 1/2 all (53%)

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	<u>Aviation Gasoline</u>	<u>Rotor Fuel</u>	<u>Kerosene</u>	<u>Lubes</u>	<u>Gas Oil & Dist. Fuel</u>	<u>Fuel Oil</u>	<u>Total</u>
BELGIUM							
Aromatics (Benzol)	-	26,000	-	-	-	-	26,000
Tar Oils	-	-	-	-	5,000	45,000	50,000
Alcohols	-	7,500	-	-	-	-	7,500
Regenerated Lubes	-	-	-	4,440	-	-	4,440
TOTALS	-	33,500	-	4,440	5,000	45,000	87,940
BALTIC STATES							
Crude Oil Refining	-	10,000	12,666	-	25,334	42,000	90,000
Alcohols	-	2,000	-	-	-	-	2,000
Regenerated Lubes	-	-	-	960	-	-	960
TOTAL	-	12,000	12,666	960	25,334	42,000	92,960
POLAND							
Crude Oil Refining	-	80,000	46,000	48,000	92,000	108,000	374,000
Aromatics (Benzol)	10,000	50,000	-	-	-	-	60,000
Tar Oils	-	-	-	-	5,000	45,000	50,000
Alcohols	-	4,000	-	-	-	-	4,000
Regenerated Lubes	-	-	-	2,160	-	-	2,160
TOTAL	10,000	134,000	46,000	50,160	97,000	153,000	490,160
YUGOSLAVIA							
Crude Oil Refining	-	12,000	7,333	2,000	14,667	9,000	45,000
Alcohols	-	800	-	-	-	-	800
Regenerated Lubes	-	-	-	1,440	-	-	1,440
TOTAL	-	12,800	7,333	3,440	14,667	9,000	47,240
GRAND TOTALS	1,790,000	5,899,910	704,191	1,210,250	3,313,389	3,124,450	16,042,190

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Estimated 1943 Consumption of Liquid Fuels and Lubricants in Axis Europe.
(Metric Tons)

	<u>Aviation Gasoline</u>	<u>Motor Fuel</u>	<u>Kerosene</u>	<u>Lubricants</u>	<u>Gas Oil & Dist. Fuel</u>	<u>Fuel Oil</u>	<u>Total</u>
GERMANY							
Civilian	-	1,228,000	115,000	545,000	567,000	275,000	2,730,000
Army	-	3,180,000	-	152,000	1,267,000	-	4,599,000
Air Force	1,573,000	337,000	-	78,000	101,000	-	2,089,000
Navy	11,000	28,000	-	46,000	732,000	776,000	1,593,000
TOTAL	1,584,000	4,773,000	115,000	821,000	2,667,000	1,051,000	11,011,000
CZECHOSLOVAKIA							
Civilian	-	46,000	22,000	28,000	9,000	5,000	110,000
ITALY							
Civilian	-	115,000	30,000	60,000	55,000	225,000	485,000
Army	-	88,000	-	3,000	31,000	-	122,000
Air Force	99,000	21,000	-	5,000	6,000	-	131,000
Navy	-	10,000	-	6,000	30,000	362,000	408,000
TOTAL	99,000	234,000	30,000	74,000	122,000	587,000	1,116,000
HUNGARY							
Civilian	-	70,000	82,000	17,000	36,000	45,000	250,000
Army	-	72,000	-	4,000	23,000	-	99,000
Air Force	30,000	7,000	-	1,000	2,000	-	40,000
TOTAL	30,000	149,000	82,000	22,000	61,000	45,000	369,000
RUMANIA							
Civilian	-	125,000	300,000	30,000	120,000	1,150,000	1,725,000
Army	-	45,000	-	3,000	16,000	-	64,000
Air Force	58,000	14,000	-	3,000	4,000	-	79,000
TOTAL	58,000	184,000	300,000	36,000	140,000	1,150,000	1,668,000

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	<u>Aviation Gasoline</u>	<u>Motor Fuel</u>	<u>Kerosene</u>	<u>Lubricants</u>	<u>Gas Oil & Dist. Fuel</u>	<u>Fuel Oil</u>	<u>Total</u>
BULGARIA							
Civilian	-	8,000	17,000	6,000	12,000	2,000	45,000
Army	-	10,000	-	-	3,000	-	13,000
Air Force	14,000	4,000	-	1,000	1,000	-	20,000
TOTAL	14,000	22,000	17,000	7,000	16,000	2,000	78,000
FINLAND							
Civilian	-	25,000	10,000	11,000	4,000	-	50,000
Army	-	9,000	-	-	3,000	-	12,000
	-	34,000	10,000	11,000	7,000	-	62,000
FRANCE							
Civilian	-	130,000	10,000	55,000	60,000	45,000	300,000
	-	130,000	10,000	55,000	60,000	45,000	300,000
BELGIUM							
Civilian	-	25,000	1,000	16,000	31,000	9,000	82,000
HOLLAND							
Civilian	-	10,000	8,000	15,000	20,000	5,000	58,000
DENMARK							
Civilian	-	8,000	10,000	10,000	35,000	1,000	64,000
NORWAY							
Civilian	-	15,000	7,000	8,000	15,000	25,000	70,000
BALTIC STATES							
Civilian	-	12,000	8,000	4,000	4,000	13,000	41,000
POLAND							
Civilian	-	19,000	16,000	9,000	5,000	6,000	55,000

	<u>Aviation Gasoline</u>	<u>Motor Fuel</u>	<u>Kerosene</u>	<u>Lubricants</u>	<u>Gas Oil & Dist. Fuel</u>	<u>Fuel Oil</u>	<u>Total</u>
RUSSIA							
Civilian	-	135,000	60,000	25,000	45,000	35,000	300,000
YUGOSLAVIA							
Civilian	-	8,000	6,000	6,000	8,000	7,000	35,000
Army	-	24,000	-	-	7,000	-	31,000
						7,000	<u>66,000</u>
	-	32,000	6,000	6,000	15,000		
GREECE							
Civilian	-	6,000	3,000	4,000	10,000	7,000	30,000
GRAND TOTAL	1,785,000	5,834,000	705,000	1,151,000	3,262,000	2,993,000	15,730,000