

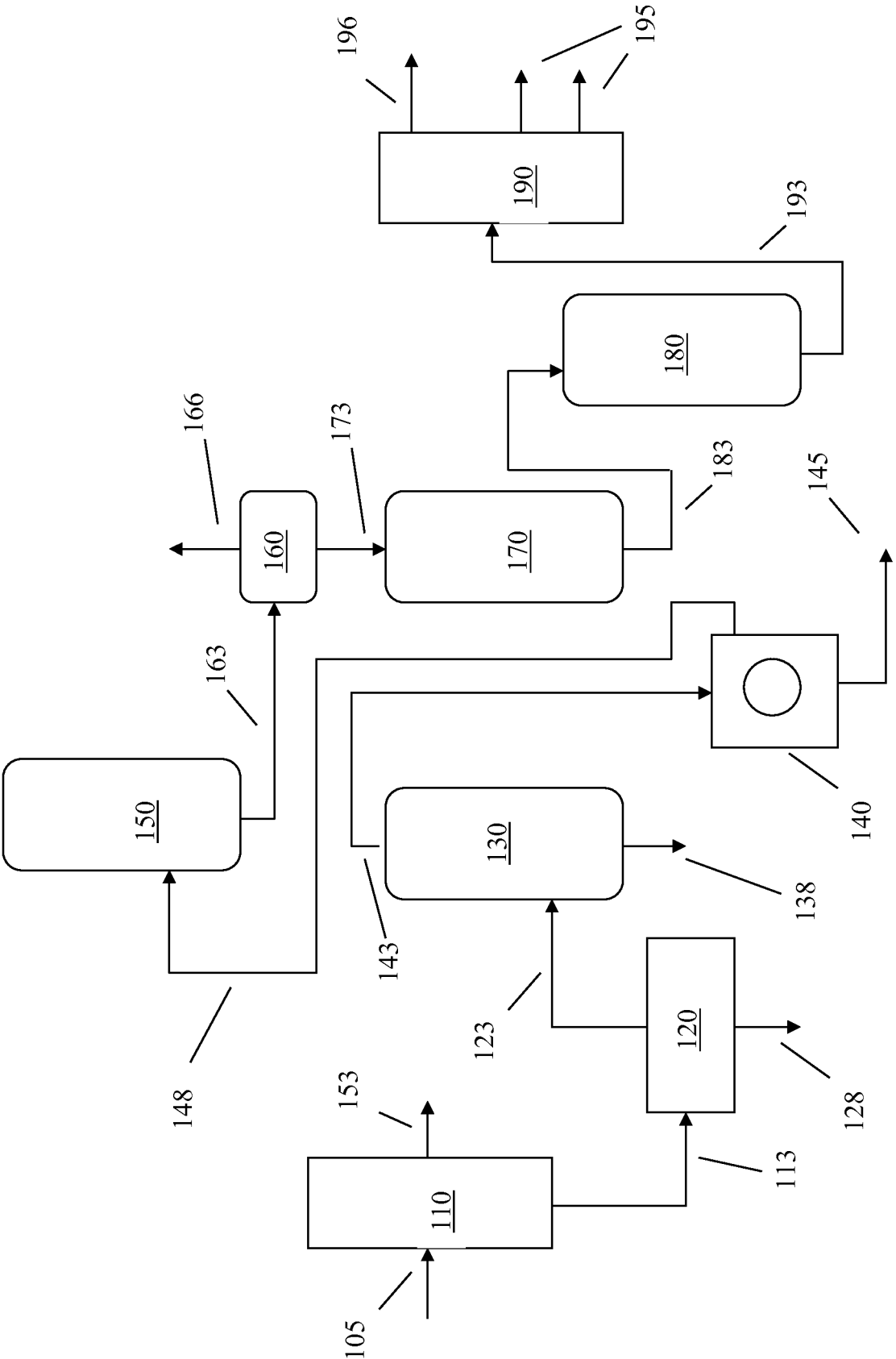


FIG. 1

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Product Grade		Case 1						Case 2					
		3						7					
		80.20						78.30					
		2 cSt	4 cSt	6 cSt	8 cSt	16+ cSt		2 cSt	4 cSt	6 cSt	8 cSt	16+ cSt	
HDT 370°C+ Conversion, wt%		9.40	6.40	3.90	8.10	52.40		11.50	7.40	4.40	8.30	46.70	
Total Lube Yield (wt%)													
Yield on HDT Feed, wt%													
Product Property	Test Method												
Density at 15 C, g/cc	ASTM D-4052	0.813	0.82	0.827	0.835	0.862		0.811	0.818	0.825	0.832	0.858	
Kinematic Viscosity at 100 C, cSt	ASTM D-445	2.18	4.18	5.79	8.00	17.69		2.22	4.21	5.81	8.01	16.96	
Kinematic Viscosity at 40 C, cSt	ASTM D-445	6.89	17.97	29.42	46.57	145.08		7.03	18.00	29.27	46.14	133.52	
Viscosity Index	ASTM D-2273	126.9	140.5	143.5	143.9	134.6		129.7	142.9	145.9	146.3	138	
Pour Point C	ASTM D-5950	-29	-19.1	-16.3	-15.1	-18		-29.2	-19.5	-16.7	-15.5	-18	
Flash Point, COC, C	ASTM D-92	167	219	244	266	343		168	219	244	266	331	
NOACK volatility, wt%	ASTM D-5800 ¹	75.8	14.5	4.5	1.4	0.1		73.6	14.5	4.4	1.4	0.2	
Aromatics, wt%	ASTM D-7419	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	

FIG. 2