CLAIMS:

1. A method for forming lubricant base oils, comprising:

separating a feedstock into at least a first fraction and a bottoms fraction, a distillation cut point for separating the first fraction and the bottoms fraction being at least 950°F (510°C);

deasphalting the bottoms fraction to form a deasphalted bottoms fraction and an asphalt product;

extracting the deasphalted bottoms in the presence of an extraction solvent to form a raffinate stream and an extract stream, an aromatics content of the raffinate stream being lower than an aromatics content of the deasphalted bottoms;

dewaxing the raffinate stream in the presence of a dewaxing solvent to form a lubricant base oil product and a waxy product having a wax content of at least 70 wt %;

hydrotreating at least a portion of the waxy product under effective hydrotreating conditions to form a hydrotreated effluent, the effective hydrotreating conditions being effective for conversion of 10 wt % or less of a portion of the waxy product boiling above 700°F (371°C) to a portion boiling below 700°F (371°C);

separating the hydrotreated effluent to form at least a liquid hydrotreated effluent;

dewaxing the liquid hydrotreated effluent in the presence of a dewaxing catalyst under effective dewaxing conditions to form a dewaxed effluent, the effective dewaxing conditions being effective for conversion of 10 wt % to 35 wt % of a portion of the hydrotreated effluent boiling above 700°F (371°C) to a portion boiling below 700°F (371°C); and

fractionating the dewaxed effluent to form a plurality of lubricant base oil products having a viscosity index of at least 120 and a pour point of -12°C or less, the plurality of base oil products comprising at least a first base oil product having a lower pour point that a second base oil product, the first base oil product having a higher viscosity at 100°C than the second base oil product.

2. The method of claim 1, wherein the first base oil product and the second base oil product have a viscosity index of at least 130.

3. The method of claim 1, wherein the plurality of lubricant base oil products have a pour point of -15°C or less.

4. The method of claim 1, wherein the waxy product has a T50 boiling point of at least 1050°F (566°C).

5. The method of claim 1, wherein the first base oil product has a viscosity of at least 7.5 cSt at 100°C.

6. The method of claim 1, wherein the second base oil product has a viscosity of at least 3.5 cSt at 100°C.

7. The method of claim 1, wherein the first base oil has a viscosity of at least 12 cSt at 100°C.

8. The method of claim 1, wherein the plurality of base oils further comprises a third base oil having a viscosity of at least 12 cSt at 100°C, the third base oil having a viscosity index of at least 130.

9. The method of claim 1, wherein the plurality of base oils are substantially free of haze.

10. The method of claim 1, wherein the amount of conversion during hydrotreating is 8 wt % or less relative to a conversion temperature of 371°C.