What is claimed:

1. A hydraulic fluid comprising:

(a) at least 60 wt. % of a Group I or Group II base oil;

(b) ~~3.4 to 5.2~~ at least 3 wt. % of an ester of a carboxy group-containing interpolymer comprising units derived from a vinyl aromatic monomer, the vinyl aromatic monomer comprising styrene, and units derived from a carboxylic acid monomer, the carboxylic acid monomer comprising maleic anhydride, the interpolymer also comprising nitrogen functionality provided by a nitrogen-containing moiety which comprises at least one of aminopropylmorpholine and dimethylaminopropylamine, the ester of the carboxy group-containing interpolymer having a weight average molecular weight of 30,000 to 70,000, the ester of a carboxy group-containing interpolymer including up to 0.44 wt. % nitrogen; and

(c) at least one phosphate compound comprising zinc;

wherein the hydraulic fluid is at least substantially free of polyacrylates and polymethacrylates that contain, in total, at least 30 mol. % of at least one of acrylate and methacrylate units and have a weight-average molecular weight of at least 1500, such that said polyacrylates and polymethacrylates, in total, amount to no more than 0.3 wt. % of the hydraulic fluid; and

wherein the hydraulic fluid includes, in total, less than 0.1 wt. % of nitrogen-containing ashless dispersants, other than the esterified interpolymer, the nitrogen-containing ashless dispersants being characterized by a nitrogen-containing functional group attached to a polymeric hydrocarbon backbone.

2. The hydraulic fluid of claim 1, wherein a mole ratio of units derived from maleic anhydride to units derived from styrene is from 0.9:1 to 1.1:1.

3. The hydraulic fluid of claim 1, wherein: the ester of the carboxy group-containing interpolymer includes at least 0.01 wt. % nitrogen.

4. The hydraulic fluid of claim 1, wherein the ester of the carboxy group-containing interpolymer comprises esters of the carboxy groups formed by reaction of the carboxy groups with one or more alcohols having from 4 to 24 carbon atoms.

5. The hydraulic fluid of claim 1, wherein esters of the carboxy groups in the interpolymer are derived from an alcohol mixture comprising at least 50 wt. % of C_8 and higher linear alcohols.

6. The hydraulic fluid of claim 1, wherein esters of the carboxy groups in the interpolymer are derived from an alcohol mixture comprising at least 0.1 wt. % of C_{18} and higher linear alcohols.

7. The hydraulic fluid of claim 1, wherein the nitrogen functionality is provided by the nitrogen-containing moieties condensed onto at least 5% of the carboxy groups of the interpolymer.

8. The hydraulic fluid of claim 1, wherein the ester of the carboxy group-containing interpolymer comprises at least 0.1 wt. % nitrogen.

9. The hydraulic fluid of claim 1, wherein the ester of the carboxy group-containing interpolymer comprises up to 0.25 wt. % nitrogen.

10. The hydraulic fluid of claim 1, wherein at least 90 % of the units in the backbone of the ester of the carboxy group-containing interpolymer comprise the units derived from a vinyl aromatic monomer and the units derived from a carboxylic acid monomer.

11. The hydraulic fluid of claim 1, wherein the ester of the carboxy group-containing interpolymer comprises a maleic anhydride/styrene alternating copolymer, esterified with a mixture of alcohols comprising at least 80 wt. % of alcohols with 8 to 18 carbon atoms.

12. The hydraulic fluid of claim 1, wherein the ester of the carboxy group-containing interpolymer comprises less than 5 wt. % of units derived from methacrylic acid or acrylic acid.

13. The hydraulic fluid of claim 1, further comprising at least one of a pour point depressant, an overbased detergent, an antioxidant, and a corrosion inhibitor.

14. The hydraulic fluid of claim 13, wherein the pour point depressant comprises a polymethacrylate.

15. A method for lubricating a hydraulic system comprising pressurizing a hydraulic fluid in the hydraulic system, the hydraulic fluid comprising:

(a) at least 60 wt. % of a Group I or Group II base oil;

(b) at least 3~~3.4 to 5.2~~ wt. % of an ester of a carboxy group-containing interpolymer comprising units derived from a vinyl aromatic monomer and units derived from a carboxylic acid monomer, the interpolymer also comprising nitrogen functionality, the ester of the carboxy group-containing interpolymer having a weight average molecular weight of 30,000 to 70,000, the ester of a carboxy group-containing interpolymer including up to 0.44 wt. % nitrogen; and

(c) 0.05-0.5 wt. % of a zinc dialkyldithiophosphate,

wherein the hydraulic fluid is at least substantially free of polyacrylates and polymethacrylates that contain, in total, at least 30 mol. % of at least one of acrylate and methacrylate units and have a weight-average molecular weight of at least 1500, such that said polyacrylates and polymethacrylates, in total, amount to no more than 0.3 wt. % of the hydraulic fluid; and wherein the hydraulic fluid includes, in total, less than 0.1 wt. % of nitrogen-containing ashless dispersants, other than the esterified interpolymer, the nitrogen-containing ashless dispersants being characterized by a nitrogen-containing functional group attached to a polymeric hydrocarbon backbone.

16. A hydraulic system comprising a pump and a device which is supplied with the hydraulic fluid of claim 1 by the pump.

17. The hydraulic fluid of claim 1, wherein the hydraulic fluid has a viscosity at 40°C (KV_40), determined according to ASTM D2270-10e1, of from 30 to 80 cSt.