CLAIMS

1. A lubricant composition, comprising:

- an oil-soluble polyalkylene glycol, selected from polyisobutylene oxide-polyisopropylene oxide-copolymers, polyisobutylene oxide-polyethylene oxide-copolymers, and polyisobutylene oxide-polyisopropylene oxide-polyethylene oxide-copolymers, as well as combinations thereof;

- an ester compound selected from the group consisting of natural esters and synthetic esters, as well as combinations thereof; and

- a mixture of additives comprising an antioxidant and a corrosion inhibitor,

wherein the corrosion inhibitor is selected from neutral alkali and alkaline earth salts of sulfonic acids, carboxylic acids, naphthoic acids, naphthenic acids, benzoic acids and phosphoric acids, and derivatives and combinations thereof.

2. The lubricant composition according to claim 1, wherein the neutral alkali and alkaline earth salts are Na salts, Ca salts, K salts and Mg salts.

3. The lubricant composition according to claim 1 or 2, wherein the corrosion inhibitor is selected from neutral calcium sulfonates and derivatives thereof.

4. The lubricant composition according to any one of claims 1 to 3, wherein the antioxidant is selected from phenolic antioxidants, aminic antioxidants, phosphites and sulfur-containing compounds, and combinations thereof.

5. The lubricant composition according to any one of claims 1 to 4, wherein the antioxidant is selected from phenolic antioxidants, aminic antioxidants, thiocarbamates and dithiocarbamates, and combinations thereof.

6. The lubricant composition according to any one of claims 1 to 5, wherein the antioxidant is selected from aminic antioxidants.

7. The lubricant composition according to any one of claims 1 to 6, wherein the mixture of additives further comprises a non-ferrous metal deactivator selected from triazoles, mercaptothiadiazoles and

salicylates and combinations thereof.

8. The lubricant composition according to claim 7, wherein the non-ferrous metal deactivator is selected from triazoles.

9. The lubricant composition according to any one of claims 1 to 8, wherein the ester compound is selected from natural glyceride esters in the monomeric, oligomeric and/or polymerized form, in particular from the group consisting of sunflower oil, rape oil or rapeseed oil, linseed oil, corn oil, safflower oil, soybean oil, linseed oil, peanut oil, “Lesqueralle” oil, palm oil, olive oil; and synthetic esters from the group consisting of polyol esters, polyol complex esters, complex esters of dimer acids, dimer acid esters, aliphatic carboxylic acid and dicarboxylic acid esters, phosphate esters, and trimellitic and pyromellitic acid esters and estolides; as well as combinations thereof.

10. The lubricant composition according to any one of claims 1 to 9, wherein the ester compound is selected from polyol esters and polyol complex esters, and combinations thereof.

11. The lubricant composition according to any one of claims 1 to 10, wherein the ester compound is selected from neopentyl glycol esters, trimethylolpropane esters and pentaerythritol esters, which are esterified with saturated and/or mono- or polyunsaturated, linear and/or branched monocarboxylic acids of chain length C4-C36; and neopentyl glycol complex esters, trimethylolpropane complex esters and pentaerythritol complex esters, which are fully esterified or partially esterified with saturated and/or mono- or polyunsaturated, linear and/or branched monocarboxylic acids of chain length C4-C36 and saturated and/or mono- or polyunsaturated, linear and/or branched dicarboxylic acids of chain length C4-C36 in any mixture; as well as combinations thereof.

12. The lubricant composition according to claim 11, wherein the neopentyl glycol esters, the trimethylolpropane esters and the pentaerythritol esters are esterified with saturated and/or mono- or polyunsaturated, linear and/or branched monocarboxylic acids of chain length C18-C36, respectively; and the neopentyl glycol complex esters, the trimethylolpropane complex esters and the pentaerythritol complex esters are fully esterified or partially esterified with saturated and/or mono- or polyunsaturated, linear and/or branched monocarboxylic acids of chain length C18-C36 and saturated and/or mono- or polyunsaturated, linear and/or branched dicarboxylic acids of chain

length C4-C36 in any mixture, respectively; as well as combinations thereof.

13. The lubricant composition according to any one of claims 1 to 12, wherein the oil-soluble polyalkylene glycol-copolymer is an alcohol-initiated copolymer, and in particular a copolymer having a C10-C20 alkyl group attached to at least one terminal end thereof.

14. The lubricant composition according to any one of claims 1 to 13, wherein the oil-soluble polyalkylene glycol has a molecular weight M_n of 500 g/mol or up to 1400 g/mol or less.

15. The lubricant composition according to any one of claims 1 to 14, wherein the ester compound is contained in an amount of 0.1 - 85% by weight based on the total lubricant composition.

16. The lubricant composition according to any one of claims 1 to 15, wherein the mixture of additives is contained in an amount of 0.1 - 20% by weight based on the total lubricant composition.

17. The lubricant composition according to any one of claims 1 to 16, wherein the mixture of additives further comprises one or more additives selected from anti-wear agents, friction reducers, high-pressure additives, ion complexing agents, solid lubricants, dispersants, pour point and viscosity improvers, UV stabilizers, emulsifiers, color indicators, sliding improvers and defoamers.

18. A use of a lubricant composition according to any one of claims 1 to 17 as gear oil, rolling bearing oil, hydraulic oil or sliding bearing oil in the marine field and in the field of inland waters, in particular for the lubrication of gears, hydraulic systems, propeller rudders, propeller shafts, linear guides, pneumatic components, fittings, bearings, such as sliding bearing, rolling bearing or stern tube bearing, chains, ropes, springs, valves and screws in machines, machine structural elements and facilities that come into contact with water, as well as in on-shore machines and machine elements that come into contact with water and/or aqueous media.