

ABSTRACT

EXTENDED DRAIN, THERMALLY STABLE, GEAR OIL FORMULATIONS

In its broadest concept, the present invention relates to an improved gear oil comprising:

- a) a base oil having a viscosity range of 4 to 32 cSt at 100°C;
- b) a maximum level of hydrocarbyl polysulfide with a minimum level of active S species;
- c) a dihydrocarbyl dithiophosphate ester or salt; and
- d) a dihydrocarbyl (mono)thiophosphate amine salt, essentially free of phosphite.