

ABSTRACT

Disclosed is a lubricant composition comprising a base oil which contains 50% by mass or more of at least one of an α -olefin oligomer and a hydrogenated product of an α -olefin oligomer and in which the kinematic viscosity and the flash point
5 satisfy the following relational equation (I):

$$\text{Flash point (}^{\circ}\text{C)} \geq 49 \times \ln \gamma + 90 \quad (\text{I})$$

[provided that γ is a kinematic viscosity at 40°C].

The lubricant composition contains a base oil which has little effect on a resin or elastomer because it is a nonpolar compound, in addition to having an extremely
10 small amount of evaporation and a high flash point despite a low viscosity, and is suitable for various applications, in particular, as bearing oils.