

GXT – LUBRICANT description

Graphene-XT produces, with its graphene, a class of oils which are used in order to reduce friction, heat and wear between mechanical components that are in contact with each other.

Graphene could replace some toxic and hazardous components in traditional oils decreasing the toxicity and increasing the recyclability.

Graphene multi-layers thickness can be from 10 nm to few microns and maintains its uniformity on large scale and can resist to severe temperature and pressure conditions.



Figure 1: Example of graphene lubricant and graphene as additives in lubricant oil