



Performance | Sustainability | Technical Excellence | Commercial Scale

## **Innoleo® HA (CAS# 111-14-8)**

Innoleo® HA is a unique, high-quality grade heptanoic acid that can be used in a variety of applications. The product can be used to build specialty esters for synthetic lubricants to impart unique properties with sustainable qualities. In its salt form, Innoleo® HA is exceptionally good as a corrosion inhibitor for metals such as aluminum, copper, iron, and zinc. Other applications for heptanoic acid and its derivatives are metalworking, paints, antifreeze, and industrial water-based refrigerants.

### Product Performance Benefits

- Chemical reactivity
- Oxidatively stable
- Thermally stable
- Sustainable
- Biodegradable
- Environmentally friendly

### Typical Properties

Property	Units	Result
Appearance	-	Clear, colorless to pale yellow oil
Iodine Value	g I <sub>2</sub> /100 g	0.5 max
Metals (Iron)	ppm	1.0 max
Total Acid Number	mg KOH/g	420-430
Saponification Value	mg KOH/g	420-430
Purity (by GC)	%	98.0 min
Moisture	%	0.1 max
Color	-	25 max

### Applications

- Industrial lubricants
- Metalworking fluids
- Paint
- Coolants/antifreeze

*The concierge service provider of sustainable oleochemicals*