



TECHNICAL DATA SHEET

AMPAC HIGH TEMP

High Temp Grease

AMPAC HIGH TEMP is a new development for extreme high temperature applications. This lubricant is of the non-melt type and manufactured with high viscosity oils of exceptional stability. Multipurpose grease fortified with engineered additives to provide better EP and high temperature. The Non-Melting, inorganic Gelling Agent thickener gives this grease excellent high temperature performance, and a wide operating range temperature range than most soap based greases, high quality, fully refined base stocks provide natural oxidation stability. Specialized additives provide a chemical barrier protecting lubricated parts against rust and corrosion.

AMPAC HIGH TEMP has an operating temperature range $>550^{\circ}\text{F}$ / $>288^{\circ}\text{C}$ allowing it to perform in even extreme duty applications.

AMPAC HIGH TEMP is recommended for medium to slow bearing speeds at normal temperatures and medium bearing speeds at warm to hot temperatures in applications such as kiln car, wheel bearings, roller bearings, oven door hinges, pellet mill bearings, - slag-bed shaker bearings, hot conveyor bearings and steam control valves as well as many other industrial, construction, automotive, and off-highway applications.

KEY FEATURES	CUSTOMER BENEFITS
Excellent water resistance.	It effectively provide protection from water washout under all-weather lubrication.
Very chemical resistant.	
Excellent thermal and rust, corrosion protection.	Provides effective wear protection under for bearing, ball joints, drive shafts and other parts subjected to high pressure and shock loading.
Non-Melt high temperature grease.	The specialized additives present in grease protect equipment from chemical oxidation, rust and corrosion resistance and thus providing long service life.
Withstand heavy loads and protects from Wear.	
	Do not melt and resists chemical degradation at high temperatures and thus protects equipment under severe high temperature operating conditions.



TYPICAL PROPERTIES

AMPAC HIGH TEMP		
ProdCode	Test Method	AMG5333
Color	Visual	Beige
Thickener		Inorganic Gelling Agent
NLGI		2
Worked Penetration @77 °F	ASTM D217	25 – 295
ASTM Dropping Point	ASTM D566	Non-Melt Type (>500 °F)
Mineral Oil Viscosity : cSt@ 40°C	ASTM D455	497
cSt@ 100°C		32
SUS@100 °F	ASTM D2161	2600
SUS@210 °F		155
Flash Point	ASTM D92	580 °F / 304 °C