



TECHNICAL DATA SHEET

AMPAC W & T

Water Resistant & High Temperature Grease

Product Description:

AMPAC W&T is a Calcium Sulphonate Complex thickened grease based on mineral oil with a high drop point and high resistance to fresh and salt water as well as vapor resistance. The grease is a well provided with superior lubricating and sealing capacity and offers increased load carrying capacity. Properties in terms of water and thermal resistance, load capacity, anti corrosion properties while keeping a very high level of pumpability and ability to lubricate well in case of high loads.

Applications:

AMPAC W&T is suitable for the lubrication of all kinds of components subject to high loads and temperatures, shock, working in conditions where the grease is in frequent contact with water (even sea water due to enhanced anti rust performances).

Features/Benefits:

Wide operating temperatures (intermediate, peak), high dropping point, high anti corrosive capacity, superior resistance to cold and hot water, shock loaded applications in industry even in severe demanding environment (water dust, high temperature), high fluidity and pump ability, very adhesive, high stability to mechanical work



TYPICAL PROPERTIES

AMPAC W&T Water Resistant & High Temperature Grease		
ProdCode	AMG 4385	Test Method
Color	Brown	Visual
Appearance	Smooth	Visual
Soap/Thickener	Calcium Sulfonate	
NLGI grade	2	ASTM D217
Operating temperature range (°C)	-25 to 180	
Kinematic viscosity of the base oil at 40°C,mm ² /s (cst)	320	ASTM D445
Penetration at 25°C, 0.1 mm	265-295	ASTM D217/ DIN 51 818
Dropping point (°C)	>300	
		IP 396
Oxidation stability at 99°C +/-0.5°C		
• Pressure drop after 100 hours, psi	5	ASTM D942
• Pressure drop after 500 hours, psi	16	
EMCOR, distilled water (Rating)	0-0	ISO 11007
EMCOR, synthetic sea water (Rating)	0-0	ISO 11007
Copper corrosion, 24 hours at 100°C (Rating)	1 b	ASTM D4048
Four ball wear (scar diameter) mm	0.43	ASTM D2266
Four ball weld kgf	500	ASTM D2596

