

PIN-TAC™

Mining & Construction Grease

PIN-TAC™ Mining & Construction Grease is formulated with Hydrosynthetic® base stocks and the latest extreme pressure additive technology fortified with a high concentration of molybdenum disulfide solid lubricants. PIN-TAC is specially formulated to provide maximum, long-lasting protection to pins and bushings against corrosion, water washout and the pounding of heavy loads at the extreme pressures and temperatures generated by heavy-duty mining and construction equipment.

TYPICAL APPLICATIONS INCLUDE:

Mining Equipment	Construction Equipment	Bucket Pins
Pins & Bushings	Bearings	Sliding Surfaces
Chassis Points	Fifth Wheels	Couplings
Draglines	Walking Cams	Wellhead Grease

Not recommended for use in disc-brake wheel bearings or bearings exceeding 4,800 RPM

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES	
Color		Dark Gray	
Thickener Type		Lithium 12-hydroxystearate	
NLGI Grade	ASTM D217	2	1
Worked Penetration , 1/10 th mm	ASTM D217	275	320
Mechanical Stability , % change from worked penetration after 100,000 strokes	ASTM D217	6	4
Base Oil Viscosity , cSt @ 40°C	ASTM D445	305	229
Base Oil Viscosity , cSt @ 100°C	ASTM D445	29.8	23.5
Base Oil Viscosity Index	ASTM D2270	133	127
Dropping Point , °F (°C)	ASTM D2265	399 (204)	397 (203)
4-Ball EP, Weld Point , kgf	ASTM D2596	400	400
Copper Corrosion , 24hr @ 100°C	ASTM D4048	1b	1b
Rust Test , Distilled Water	ASTM D1743	Pass	Pass
Rust Test , Synthetic Sea Water	ASTM D5969	Pass	Pass
Water Wash-Out , % Loss @ 80°C	ASTM D1264	< 1.0	< 2.0
Lincoln Ventmeter Test , psi @ 72°F	OEM Method	475	
Lincoln Ventmeter Test , psi @ 30°F	OEM Method	650	
Lincoln Ventmeter Test , psi @ 0°F	OEM Method	1775	
Tackiness Index , Work/Elongation	Hydrotex	16/30	16/30

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.