TECHNICAL DATA SHEET

OMNITASK®

EXTREME PRESSURE GREASE

Omnitask® grease is designed for heavily loaded operations in the lower speed range and in all situations where high load, shock load, and high vibrations can lead to premature component wear.

To an extremely effective EP package, Whitmore has added graphite and molybdenum disulfide (MoS_2). The combination of high base oil viscosity, EP package, and solid lubricants provides synergies that assure maximum protection from wear and seizure under the most difficult conditions.

High performance synthetic polymers make these greases cohesive and adhesive, resisting pound-out and sling-off under shock load.

The polymer additives in Omnitask® cause the excess grease to form a collar or ring around the bearing seal, shutting out dust and moisture. This is especially true of Omnitask® TK EP, which contains a larger portion of polymers.

The aluminum complex thickening agent allows for use at elevated temperatures. Oil bleed at high temperatures is minimized.

These greases are not for use on bearings having a high-speed factor (DN).

BENEFITS:

- WATER RESISTANT - allows longer service life while protecting against rust and corrosion.
- EXTREME PRESSURE ADDITIVES - protects against shock loads, welding and scoring.
- FORMS PROTECTIVE BARRIER - seals out dirt and contaminants to reduce wear and extend lubricant life.

APPLICATIONS:

Use Omnitask® grease in applications where high load, shock load, contamination, or high temperatures are involved.

Steel Mill Work Rolls	Paper Machine Wet Section Rolls
Crusher Bearings	De-watering Press Bearings
Paper Machine Rolls	Belt Conveyor Pulley Bearings
Bucket Wheel Excavators	

For central lubrication systems, use Omnitask® EP. Do not use Omnitask® TK EP on central systems.

ASTM #		TYPICAL CHARACTERISTICS		
		EP 1	EP 2	TK EP 2
D-217	**Cone Penetration** (Worked)	310-340	270-300	270-300
D-566	**Dropping Point**, °F (°C)	>480 (>249)	>480 (>249)	>480 (>249)
D-445	**Kinematic Viscosity** (Finished Product) cSt @ 40°C cSt @ 100°C	 662 24	 662 24	 1,918 41
D-2161	**Saybolt Viscosity** (Finished Product) SUS @ 100°F SUS @ 210°F	 3,450 124	 3,450 124	 10,700 202
Gardner Method	**Density**, lb/gl @ 60°F (15.5°C) **Specific Gravity**, g/cc @ 60°F (15.5°C)	7.60 0.913	7.60 0.913	7.60 0.913
D-2596	**Four Ball EP** Weld Point, kg Load Wear Index	 400 60	 620 60	 620 60
D-2266	**Four Ball Wear** Scar Width, mm	 0.60	 0.60	 0.60
D-4049	**Water Spray-Off**, % Loss	<12	<5	<5
D-1264	**Water Washout**, % Loss	<10	<5	<5
D-4048 (Modified)	**Copper Strip Corrosion for Greases** 212°F (100°C) @ 3 hrs	1B	1B	1B
	Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex
OEM Standard	**Low Temperature Pumpability** Lincoln Ventmeter @ 400 psi, °F (°C)	 20 (-7)	 25 (-4)	 40 (4)
	Texture	Tacky	Tacky	Tacky
	Operating Range, °F (°C)	0 (-18) to 400 (204)	0 (-18) to 400 (204)	30 (-1.1) to 400 (204)
	Solid Lubricants	MoS_2 & Graphite	MoS_2 & Graphite	MoS_2 & Graphite
	Maximum DN Factor	--	200,000	100,000

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Shuttle Tanks	Drums	Kegs	Pails	Cartridges 50 per case

For warranty information, scan the QR code.

whitmores.com

Made in the USA in an ISO 9001-2015 and ISO 14001:2015 Facility