



The Ultimate Lubricant

95

DESCRIPTION:

New formulation Omega 95 is the latest generation of Omega's premier severe saltwater-and corrosive atmosphere-resistant grease. It is characterized by an extremely high load carrying capability, superior resistance to water, unparalleled mechanical stability, enhanced resistance to oxidation and corrosion and exemplary performance in high temperature applications. Omega 95 will continue to lubricate under complete immersion or high water washout applications that no ordinary grease can endure.

ENHANCED CAPABILITIES:

New and improved Omega 95 now provides still higher water wash resistance and immersed lubrication performance from its high density characteristics. Not only is improved Omega 95 extremely capable at higher temperatures, it will also perform superbly even at lower temperatures as low as -23°C (or -10°F) or near-arctic conditions!!! Omega 95 also contains absolutely no heavy metals, harmful or environmentally undesirable additives which makes this lubricant suitable for the lubrication of reservoir sluice gates and mechanisms, for freshwater lake and canal equipment, etc.

Due to the enhanced purity performance with this all-new Omega 95 formulation, the traditional applications of lubricating shipboard equipment and dockside equipment -including dry-dock and ship repair/building equipment can be expanded to include steam cleaning equipment used in bottling plants, abattoirs, etc., where wet conditions are combined with high heat and pressurized water wash.

Omega 95 works perfectly in anti-friction bearings, both low and high speed ordinary bearings, for lubricating conveyors and for a large variety of construction, irrigation and agricultural equipment lubrication, where wet conditions are often encountered.

Due to Omega 95's improved stay-put qualities, it will readily withstand the vigorous and often difficult shock loading and high heat encountered in mining where underground water and slush tends to inundate and saturate the equipment. In addition to being the best grease for protection of waterside equipment, Omega 95 now provides its exemplary corrosion resistance to a wider variety of applications.

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT
Base Oil		
Viscosity, cSt at 40°C	D-445	221
Flash Point, °C	D-92	249
Pour Point, °C	D-97	-9
Dropping Point, °C	D-2265	318
Worked Penetration	D-217	
60 strokes		282
Worked 100,000 strokes, % change		2.3
Worked 10,000 strokes, with 50/50 water, % change		8.0
Timken OK Load, Lbs	D-2509	60
Four Ball, EP		
Weld Point, Kg	D-2596	500
Load Wear Index (LWI)	D-2596	65
Four Ball Wear, mm	D-2266	0.39
Rust Prevention Rating	D-1743	1, 1, 1
Water Washout @ 175°F (79.4°C), %	D-1264	1.0
Salt Fog Corrosion, 1 mil d.f.t., hours	B-117	>300
Resistance to Water Spray, % retained	D-4049	80
Wheel Bearing Leakage, gm	D-1263	0.5
Roll Stability, % Change	D-1831	5
Oil Separation, Wt. %	D-1742	0.2
NLGI Grade	-	#2
Operating Temperature Range, °C	-	-23 to 200
Color	-	Tan

The characteristics given above are typical of current production only and slight batch to batch variations should be expected.