

SEA-MATE™ Range of Maritime Greases



Typical Properties

SEA-MATE EP 0

Calcium sulfonate complex multipurpose grease

PROPERTIES	TEST METHOD	SEA-MATE EP 0
NLGI Grade	ASTM D 217	0
Color	Visual	Blue
Texture	Visual	Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	220
Dropping Point, °C	ASTM D 2265	>316
Consistency, 60 strokes mm/10	ASTM D 217	260
Mechanical Stability, • Worked 100,000 strokes, % change • Worked 10,000 strokes, with 50/50 water, %	ASTM D 217	2.1 7.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.40
Salt Fog Corrosion, 1 mil d.ft., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	1.0
Resistance to water spray, % retained	ASTM D 4049	75
Mobility @ -18°C, g/minute	US Steel Method	4.0

SEA-MATE EP 2

Calcium sulfonate complex multipurpose grease

PROPERTIES	TEST METHOD	SEA-MATE EP 2
NLGI Grade	ASTM D 217	2
Color	Visual	Blue
Texture	Visual	Smooth
Dropping Point, °C	ASTM D 2265	318
Consistency, 60 strokes mm/10	ASTM D 217	280
Mechanical Stability, • Worked 100,000 strokes, % change • Worked 10,000 strokes, with 50/50 water, %	ASTM D 217	2.3 8.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.40
Salt Fog Corrosion, 1 mil d.ft., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	1.0
Mobility @ -18°C, g/minute	US Steel Method	5.5



Contact your Drew Marine representative for more information

Typical Properties

SEA-MATE EP 3

Calcium sulfonate complex multipurpose grease

PROPERTIES	TEST METHOD	SEA-MATE EP 3
NLGI Grade	ASTM D 217	3
Color	Visual	Blue
Texture	Visual	Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	220
Dropping Point, °C	ASTM D 2265	>316
Consistency, 60 strokes mm/10	ASTM D 217	260
Mechanical Stability, • Worked 100,000 strokes, % change • Worked 10,000 strokes, with 50/50 water, %	ASTM D 217	2.1 7.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.40
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	1.0
Resistance to water spray, % retained	ASTM D 4049	75
Mobility @ -18°C, g/minute	US Steel Method	4.0

SEA-MATE HT SYN 50 2

Calcium sulfonate complex synthetic high temperature grease.

PROPERTIES	TEST METHOD	SEA-MATE HT SYN 50 2
NLGI Grade	ASTM D 217	2
Color	Visual	Purple
Texture	Visual	Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	50
Dropping Point, °C	ASTM D 2265	318
Consistency, 60 strokes mm/10	ASTM D 217	280
Mechanical Stability, • Worked 100,000 strokes, % change • Worked 10,000 strokes, with 50/50 water, %	ASTM D 217	2.4 8.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.42
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	0.5
Low Temperature Torque, -40°C, Nm	ASTM D 4693	2.5
Mobility @ -35°C, g/minute	US Steel Method	9.0



Contact your Drew Marine representative for more information

Typical Properties

SEA-MATE HT SYN 460 2

Calcium sulfonate complex synthetic high temperature grease

PROPERTIES	TEST METHOD	SEA-MATE HT SYN 460 2
NLGI Grade	ASTM D 217	2
Color	Visual	Green
Texture	Visual	Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	400
Dropping Point, °C	ASTM D 2265	316
Consistency, 60 strokes	ASTM D 217	300
Mechanical Stability, 100,000 strokes, % change	ASTM D 217	5.0
Roll Stability, % change	ASTM D 1831	2.6
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	50
4-Ball EP	ASTM D 2596; Weld Point, kg	400
4-Ball Wear, mm	ASTM D 2266	0.42
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	3.5
Low Temperature Torque, -22°C, g-cm		
• Start	ASTM D 1478	2124
• 10 minutes		1210
• 60 minutes		442
Mobility @ -18°C, g/minute	US Steel Method	5.7

SEA-MATE OG PREMIUM 2

Calcium sulfonate complex open gear grease

PROPERTIES	TEST METHOD	SEA-MATE OG PREMIUM 2
NLGI Grade	ASTM D 217	2
Color	Visual	Tan
Texture	Visual	Smooth
Dropping Point, °C	ASTM D 2265	260
Consistency, 60 strokes	ASTM D 217	280
Mechanical Stability, 100,000 strokes, % change	ASTM D 217	2.4
Roll Stability, % change	ASTM D 1831	4.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.40
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	0.1



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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