

TECHNICAL DATA SHEET

OMCO-H1-H

Product Description and Intended Use

OMCO-H1-H is an NLGI No. 2 high performance lubricating grease used where incidental contact with food is a possibility. It also excels in applications where resistance to water washout and broad operating temperatures are absolutely necessary. This “thicker” lubrication is recommended in high load and temperature applications where a H1 rating is desired. The formulation of this product provides unsurpassed resistance to extreme pressures and corrosion, including salt spray. OMCO-H1-H also has exceptional mechanical stability even in the presence of water. It contains no heavy metals or other environmentally undesirable additives.

Product Application

OMCO-H1-H can be applied from ambient temperatures of -20° F to +400° F (-29° C to +204° C) depending on lubrication system design and method of application. OMCO-H1-H has an operating range of -40° F to +400° F (-40° C to +204° C) once in the application. Follow equipment manufacturer’s recommendations concerning lubrication frequencies.

Product Specifications - Typical

NLGI Grade.....	2
Color.....	Tan
Texture.....	Smooth
Worked Penetration, ASTM D-217	
60 strokes.....	265-295
100,000 strokes change from 60 strokes.....	±5%
Dropping Point, °F(°C), ASTM D-2265.....	572(300)
Oxidation Stability, PSI Loss, ASTM D-942	
100 hours.....	1
Oil Separation, ASTM D-1742.....	0.2%
Four Ball EP, Weld Point, kg ASTM D-2596.....	620
Four Ball Wear, Scar mm, 40kg 1200 RPM @ 75°C, ASTM D-2266.....	0.45 max.
Timken OK Load, lb, ASTM D-2509.....	65
Salt Fog, hrs, ASTM B-117.....	+2,500
Water Washout, % loss, 175°F (79°C), ASTM D-1264.....	2.75
Wheel Bearing Leakage, % loss, gms, modified 325°F (163°C), ASTM D-1263.....	0.4
Base Oil Characteristics, ASTM D-2161	
Viscosities:	
@ 210°F,SUS.....	63
@ 100°F,SUS.....	523
Viscosity Index, ASTM D-2270.....	90
Pour Point, °F(°C), ASTM D-97.....	(10)-12
Flash Point, °F(°C), ASTM D-92.....	(428)220