



Liquid-O-Ring® *

Your Super Center for over 1,000 top performance products serving industries worldwide.

1050

SYNTHETIC INDUSTRIAL GEAR OIL

Liquid-O-Ring®

- Anti-Seize Compounds
- Drill Collar and Tool Joint Compounds
- Extreme Temperature Compounds
- Fish Net Coatings
- Greases
 - Bearing
 - Food Grade
 - High Temp
 - Low Temp
 - Multi-Purpose
 - Specialty
 - Silicone
 - Synthetic
- Oils
 - Compressor
 - Cutting
 - Forging Die Lube
 - Gear
 - Hydraulic
 - Motor
 - Penetrating
 - Silicone
 - Torsion
 - Transmission Treatment
- Oilfield Production Products
- Pipe Storage Compounds
- Lubricants
- Sealants
- Pump Packings
- Thread Cleaner
- Thread Compounds
 - Biodegradable
 - High Temperature
 - Arctic Grade
- Thread Locking Compound
- Thread Sealants
- Valve Lubricants and Sealants
- Wireline Products

Protekto-Coat

- Internal and External Pipe Coatings
- Low VOC
- Biodegradable
- Corrosion Inhibitors

Speciality Items

- Cleaners and Degreasers

The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our website, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.

PRODUCT DESCRIPTION

1050 Synthetic Industrial Gear Oil is a high quality product manufactured using a premium synthetic oil. The complete additive package offered by **1050 Synthetic Industrial Gear Oil** provides EP properties and corrosion resistance. A qualified multigrade gear lubricant, **1050 Synthetic Industrial Gear Oil** extends the service life of equipment. **1050 Synthetic Industrial Gear Oil** is miscible with conventional petroleum oils. It is available in several ISO grades as well as a winter grade.

APPLICATION

1050 Synthetic Industrial Gear Oil may be used for lubricating enclosed gear sets.

BENEFITS

- Complete additive package
- Corrosion resistance
- Miscible with conventional petroleum oils
- Temperature Range of -30°F to 250°F (-34°C to 121°C)
- Extends service life of equipment
- Available in several ISO grades as well as a winter grade

CONTAINER SIZE:

- 5 gal (19 L)
- 55 gal (208 L)

TYPICAL OBSERVATIONS

	1050/32	1050/46	1050/68	1050/150	1050/220
Appearance	Liquid	Liquid	Liquid	Liquid	Liquid
Color	Amber	Amber	Amber	Amber	Amber
Type Base Oil	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin
Viscosity,					
@ 40°C, cst	32	46	68	150	220
@ 100°C, cst	6.4	8.54	11.52	16	18
Viscosity Index	95	100	100	110	90
ISO Grade	32	46	68	150	220
Density, lb/gal					
@ 77°F (25°C)	7.25	7.30	7.35	7.40	7.45
Specific Gravity	0.869	0.875	0.881	0.887	0.893
Flash Point,	350°F to 450°F	350°F to 450°F	350°F to 450°F	350°F to 450°F	350°F to 450°F
ASTM D-93	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)
Pour Point	-15°F (-26°C)	-27°F (-33°C)	-26°F (-32°C)	-9°F (-23°C)	-8°F (-22°C)
Foam Test					
ASTM D-892	Pass	Pass	Pass	Pass	Pass
Shelf Life					
(unopened container)	Two years	Two years	Two years	Two years	Two years

	1050/320	1050/460	1050/680	1050/75W90	1050/80W90
Appearance	Liquid	Liquid	Liquid	Liquid	Liquid
Color	Amber	Amber	Amber	Amber	Amber
Type Base Oil	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin	Polyalphaolefin
Viscosity,					
@ 40°C, cst	320	460	680	220	220
@ 100°C, cst	24	30	92.8	18	18
Viscosity Index	95	94	165	90	90
ISO Grade	320	460	680	220	220
Density, lb/gal					
@ 77°F (25°C)	7.48	7.52	7.55	7.50	7.50
Specific Gravity	0.896	0.901	0.905	0.899	0.899
Flash Point,	350°F to 450°F	350°F to 450°F	350°F to 450°F	350°F to 450°F	350°F to 450°F
ASTM D-93	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)	(176°C to 232°C)
Pour Point	-5°F (-21°C)	-0.4°F (-18°C)	-5°F (-21°C)	-1°F (-17°C)	-4°F (-20°C)
Foam Test					
ASTM D-892	Pass	Pass	Pass	Pass	Pass
Shelf Life					
(unopened container)	Two years	Two years	Two years	Two years	Two years

WARRANTY Because the conditions of use and the supervision of application are beyond our control, we assume no liability for any product failure or other damage beyond the purchase price of the material furnished by us. No agent, representative, or employee of this Company is authorized to change this provision, which relates to all goods delivered, whether sold, delivered as samples, or otherwise. Each user should independently determine the suitability of this product based on their specific application.

Made in U.S.A.

© 2002, BALMAR, LLC

Manufactured by

BALMAR, LLC

616 WEST PONT DES MOUTON ROAD / LAFAYETTE, LA 70507-4002

Sales Locations:

LAFAYETTE, LA - HOUSTON, TX - LONGVIEW, TX - MIDLAND, TX - YUKON, OK

*Registered Tradename of Oil Center Research, Inc.

03/01/11