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1043

BAYOU BLUE

ENVIRONMENTALLY FRIENDLY SYNTHETIC HYDRAULIC 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

PRODUCT DESCRIPTION

1043 Bayou Blue is an environmentally friendly synthetic hydraulic oil with exceptional thermal stability characteristics. Available in 32, 46 and 68 grades, **1043 Bayou Blue** offers excellent corrosion resistance and temperature/viscosity characteristics. This hydraulic oil is suitable for operating at a temperature range of 15°F to 300°F (-9°C to 148°C). **1043 Bayou Blue** is compatible with typical hydraulic seal materials and is fully miscible with conventional petroleum based oils.

BENEFITS

- Environmentally friendly
- Anti-wear protection
- Excellent water separation properties
- Wide temperature range
- Exceeds requirements of pump and hydraulic system manufacturers
- High viscosity index
- Good oxidation stability
- Available in 32, 46, and 68 grades

APPLICATION

1043 Bayou Blue environmentally friendly synthetic hydraulic oil is for use in all hydraulic units where the use of an environmentally friendly product is preferred. All grades are intended for critical systems that demand a high temperature and high performance hydraulic fluid. **1043 Bayou Blue** may create a sheen on water.

CONTAINER SIZE:

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

TYPICAL OBSERVATIONS

	1043/32	1043/46	1043/68
Appearance	Blue	Blue	Blue
Density, lb/gal	7.10	7.13	7.16
Specific Gravity, @ 77°F (25°C)	0.85	0.85	0.86
Flash Point, COC, ASTM D-92	390°F (199°C)	390°F (199°C)	390°F (199°C)
Boiling Point	>500°F (>260°C)	>500°F (>260°C)	>500°F (>260°C)
Pour Point, ASTM D-97	-22°F (-30°C)	-15°F (-26°C)	-12°F (-24°C)
Finished Product Viscosity, ASTM D-445, cSt @ 40°C	32	46	68
ASTM D-445, cSt @ 100°C	5	6.5	8.0
Viscosity Index, ASTM D-2270	70	88	79
Foam Test, ASTM D-892	Pass	Pass	Pass
Shelf Life (unopened container)	Two years	Two years	Two years

RELATED PRODUCTS

- 939 GX Hydraulic Oil R & O
- 940 GX Hydraulic Oil Anti-Wear
- 941 GX Hydraulic Oil EP Premium Anti-Wear

- 1040 Synthetic Biodegradable Hydraulic Oil
- 1042 Food Grade Hydraulic Oil
- PM5000 Leak-Free Anti-Leak Hydraulic Oil

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.

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.

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Manufactured by
BALMAR, LLC

*Registered Tradename of
Oil Center Research, Inc.

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

Sales Locations:

LAFAYETTE, LA - HOUSTON, TX - LONGVIEW, TX - MIDLAND, TX - OKLAHMA CITY, OK

07/15/11

BALMAR, LLC

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product: 1043 Bayou Blue (All Viscosities)

Chemical Family: Synthetic Oil

Use: Environmentally Friendly Hydraulic Oil

Manufacturer/Supplier: BALMAR, L.L.C.

Address: 616 W. PONT DES MOUTON RD LAFAYETTE, LA 70507-4002

Emergency Phone: (337)232-2496

Fax: (337) 234-5825
Phone: (337) 232-2496

INGREDIENT COMPONENTS Hazardous components indicated with asterick * Hazardous components in a dust form only**

CAS# **Weight %** **OSHA LIMIT (PEL)** **ACGIH (TLV)**

Not Applicable

HEALTH EFFECTS

Eye: Possible irritation with repeated or prolonged contact. **Skin:** Possible irritation with repeated or prolonged contact.

Inhalation: Exposure to mist or spray may cause coughing, sneezing, and upper respiratory tract irritation.

Ingestion: Possible irritation, nausea, or diarrhea if ingested.

FIRST AID

Eye: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention. **Skin:** Wash with soap and water thoroughly after handling.

Inhalation: Remove to fresh air. Apply artificial respiration or administer oxygen as necessary. If conscious, irrigate nasal passages with water. Get medical attention.

Ingestion: Do NOT induce vomiting. If conscious, drink large quantities of water. Get medical attention immediately.

FIRE PROTECTION INFORMATION

Auto Ignition Temperature

Not Available

Hazardous Decomposition Incomplete combustion can yield carbon monoxide and various hydrocarbons.

Extinguishing Method Carbon Dioxide, dry chemical, foam, or water fog.

Fire and Explosion Method No known explosion hazards. May produce toxic fumes at temperatures above 930°F.

Flammable Limits % vol in air Not Available

Lower%

Upper%

HAZARDOUS POLYMERIZATION: Will Not Occur May Occur **Stability:** Stable Unstable

Personal Precautions **Spills** Pick up and place in container for disposal.

Waste Disposal: Utilize permitted industrial waste disposal site. Comply with environmental regulations. Burning is NOT recommended.

HANDLING AND STORAGE

Storage: Do not store with strong oxidizers. Avoid exposure to extreme temperatures.

RESPIRATORY PROTECTION (UTILIZE NIOSH-APPROVED RESPIRATORS. REFER TO MFG PROTECTION FACTORS AND OSHA STANDARD 1910.134 AS A GUIDELINE) Not required under normal conditions of use.

Personal Protection **Eye:** Safety glasses to protect from unexpected splashes. **Spcl Protection** Not required under normal conditions of use.

Ventilation: Local exhaust must be sufficient to keep airborne concentrations below the TLV limit. **Skin** For prolonged or repeated contact, use nitrile or neoprene gloves.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue Liquid

Flash Point 390°F

Specific Gravity: 0.85-0.86

Evaporation Point: Not Available

Boiling Point >500°F

Vapor Pressure: <1mmHg@20°C **Vapor Density:** Not Available

Solubility in water: <1

Auto Ignition Not Available

Percent Volatile: Not Applicable **Odor** Mild

Title III, Sec. 313 Status

Title III Ingredient: Not Applicable

Title III Percentage:

Title III CAS#:

Shipping Information: NOT REGULATED

Reported as potential carcinogen or carcinogen: American Conference of Governmental Industrial Hygienists

Not Applicable International Agency For Research On Cancer OSHA National Toxicology Program

DISCLAIMER: The information contained herein is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all environmental regulations. Our goal is to manufacture products with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is received from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.

ADDITIONAL COMMENTS: Containers should be either reconditioned by CERTIFIED firms or properly disposed of by APPROVED firms. Disposal of containers should be in accordance with applicable laws and regulations. EMPTY drums should not be given to individuals. Serious accidents have resulted from the misuse of EMPTIED containers (drums, pails, etc.). Refer to Section IV and IX.

Last Updated 7/20/2011

HMIS SYMBOL

Health	0
Flammability	1
Reactivity	0
PPI	B

NFPA SYMBOL



