

# ARCTIC GRADE

OIL CENTER RESEARCH INTERNATIONAL, L.L.C.



Oil Center Research was founded in 1958 from a vision of two individuals with only one product to sell. Over the past 50 years, Oil Center Research International, L.L.C.'s product line has grown to include over 1,000 products that are sold in more than 80 countries. The Company motto, "Seal of Dependability," signifies a commitment to our customers by providing some of the highest quality products available in the market today.

Our product lines include products for oilfield, industrial, water well, automotive, marine, fishing, petrochemical, and agricultural markets. At present, Oil Center Research International, L.L.C.

can offer a complete line of environmentally safe products for all industries and applications.

Over the last 50 years, Oil Center Research International, L.L.C.'s success is attributable to the strong relationships we have built with our customers as well as the commitment to respond to our customers' needs with the highest quality products and service. Over the years, the industry has presented many challenges, but with wonderful customer support and the dedication of the Oil Center Research family, the Company has continued its success.

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**Oil Center Research International, L.L.C.**  
is a team committed to quality service  
and products in an ecologically balanced  
global marketplace.

## PREMIUM LUBRICANTS

161 Resist-All Silicone Compound resists changes from oxidation and is non-conductive. Temp. Range: -50°F to 400°F (-45°C to 204°C)

404LT resists the corrosive effects of downhole conditions, contains Liquilon®, is H<sub>2</sub>S resistant and remains pliable in low temperatures. Temp. Range: -65°F to 400°F (-53°C to 204°C)

CL200 is an all-purpose lubricant for temperatures as low as -65°F (-53°C). CL200 is water-resistant, easy-to-apply, and can be used for light or heavy-duty jobs.

## WIRELINE PRODUCTS

765 Grease Seal

765A: -60°F (-51°C) to 10°F (-23°C)

765D: -10°F (-23°C) to 30°F (-1°C)

765G: 10°F (-12°C) to 60°F (15°C)

2113 Wireline Glycol I prevents freezing of condensates and liquids in the lubricator and well bore. Freezing Point ranges with dilution ratios. At a 50/50 dilution the freezing point is -30°F: 70/30 is -60°F.

2213 Wireline Glycol RTU is a ready-to-use formulation to prevent freezing of condensates and liquids in the lubricator and well bore.

NC111 Silicone Non-Conductive Grease is an odorless grease that is resistant to H<sub>2</sub>S and CO<sub>2</sub>. It is non-melting and non-toxic. Temp. Range: -50°F to 400°F (-45°C to 204°C)

## THREAD COMPOUNDS

127AG Pipe Storage Compound contains no metals and is designed to control formulation of rust and pitting on thread surfaces. Application Temp. Range: -65°F to 250°F (-53°C to 121°C)

220AG Copper Seal is a lead-free, premium drill collar compound that prevents galling and seizing. Temp. Range: -65°F to 250°F (-53°C to 121°C)

222AG is a drill collar compound, made with polytetrafluoroethylene, that can be used on new, worn, or damaged threads. Temp. Range: -65°F to 250°F (-53°C to 121°C)

236AG is an environmentally safe, metal-free tool joint and drill collar compound. Temp. Range: -65°F to 225°F (-53°C to 107°C)



306AG OCR Modified, a lead-free compound, is for application to casing, tubing, and line pipe. Temp. Range: -65°F to 225°F (-53°C to 107°C)

318AG OCR Modified is a metal-free thread compound for casing, tubing, and line pipe. 318AG is environmentally acceptable and meets all API performance specifications. Service Temp. Range: -65°F to 225°F (-53°C to 107°C)

325AG is a superior, biodegradable, non-metallic thread compound for casing, tubing, and line pipe that services temperatures as low as -20°F (-29°C).

4000AG is lead and zinc-free alternative to API Modified that services temperatures as low as -22°F (-30°C).

## VALVE PRODUCTS

171AG Graphite Grease is formulated for use as a valve body fill grease on gate valves, wellheads or frac valves while in service or in storage and is pumpable to -25°F (-32°C).

187 Molyube is a multipurpose, synthetic grease that meets the demands of heavy-duty equipment under extreme conditions. Temp. Range: -50°F to >400°F (-45°C to >204°C)

189 Spin Easy is a synthetic base sealant designed for use on gate and plug valves at a temperature as low as -65°F (-53°C).

607 Valve Plus provides lubrication and sealing to valves exposed to CO<sub>2</sub> and is 100% synthetic. Temp. Range: -50°F to >400°F (-45°C to >204°C)

610 Valve Arctic Seal is an excellent cold weather valve lubricant and sealant made with Liquilon®. Temp. Range: -30°F to >450°F (-34°C to >232°C)

622 is an excellent, synthetic valve lubricant and sealant that resists hydrogen sulfide, crude oil, oilfield brine, diesel and sea water. Service Temp. Range: -60°F to >400°F (-51°C to >204°C)

627 is a superior, synthetic valve lubricant that resists the effects of hydrogen sulfide, crude oil, oilfield brine, sea water, and hydrocarbons. Temp. Range: -28°F to >450°F (-33°C to >232°C)

## OILS & GREASES

150 contains an anti-wear additive and is effective at temperatures as low as -65°F (-53°C).

940AG Arctic Grade Hydraulic Oil is manufactured using the highest quality paraffinic base oil and a balanced combination of anti-wear additives.

1040 is a synthetic, biodegradable hydraulic oil that is available in 32, 46, and 68 grades. Temp. Range: -60°F to >385°F (-51°C to >196°C)

1053 Fully Synthetic, Biodegradable, Industrial Gear Oil comes in 32, 46, 68, 150, 460 grades.

PM900 Synthetic Military Grease services temperatures as low as -65°F (-53°C).