

NORKOOL™ Industrial Coolants

Introducing New Premium Coolants and Inhibitors for Today's Requirements



NORKOOL™ Coolants have always set the Oil & Gas Industry standard for protection, performance, and long-term operating economics. But now we've raised the bar even higher: Introducing a new line of NORKOOL Propylene Glycol (PG)-based Coolants and patented anti-scaling technology—providing you with more coolant options and better protection than ever before.

New NORKOOL LTC PG-Based Coolants—These new PG-based coolants provide you with outstanding protection against cavitation erosion, corrosion, and circulating system freeze up, but with the low toxicity and reduced environmental concern of a PG-based product.

Improved Corrosion Protection—All NORKOOL coolants are now enhanced with patented Dow anti-scaling technology, which, combined with phosphate- and nitrite-based corrosion inhibitors, provides long-term protection of cast iron, copper

alloys and solders, even when elevated levels of chloride, sulfate, or water hardness are present.

The Most Trusted Coolants for Oil & Gas Industry Service

NORKOOL industrial coolants and circulating system maintenance products from The Dow Chemical Company set the highest standards in the Oil & Gas Industry for quality, performance, technical expertise and service.

Dow has been the world's premier supplier of heat transfer fluids for more than 75 years. With back-integration to key raw materials and a broad distribution network, we can supply the product you need, when and where you need it.

A Wide Range of Applications

NORKOOL coolants are premium industrial coolants, widely used for...

- Cooling of large stationary engines (natural gas compression)
- Cooling of field compression units (natural gas gathering systems)

- Natural gas line heaters
- LNG vaporizers
- Well-head heaters
- Combustion air pre-heaters

NORKOOL coolants are supported by our most comprehensive analytical program and experienced technical staff. If you require high-end fluid performance and analytical support, choose a NORKOOL coolant.

The NORKOOL Advantage

With NORKOOL coolants, you get:

- Excellent freeze and burst protection
- Broad operating range: -60° F to 275° F
- Superior corrosion protection using patented Dow technology
- Fast, accurate, comprehensive analytical service
- Technical support from system design to system operation and troubleshooting

NORKOOL coolants include ethylene and propylene glycol-based coolants, supplied as either concentrated or pre-diluted solutions to best meet your needs.

Coolants

Announcing New
NORKOOL LTC PG-based
Coolants



Choose the Right Coolant for Your Application

Ethylene Glycol-based Coolants

	Description
NORKOOL SLH	concentrate
NORKOOL SLH50	pre-diluted 50vol% as EG
NORKOOL SLH40	pre-diluted 40vol% as EG
NORKOOL SLH30	pre-diluted 30vol% as EG

Propylene Glycol-based Coolants

	Description
NORKOOL LTC	concentrate
NORKOOL LTC50	pre-diluted 50vol% as PG
NORKOOL LTC40	pre-diluted 40vol% as PG
NORKOOL LTC30	pre-diluted 30vol% as PG

Circulating System Maintenance Products

Replacement Inhibitors

	Application
NORKOOL Corrosion Inhibitor 213	for pH adjustment
NORKOOL Corrosion Inhibitor 216	phosphate based re-inhibitor
NORKOOL HTF Corrosion Inhibitor 219	azole based re-inhibitor
NORKOOL HTF Corrosion Inhibitor 231	phosphate & nitrite based re-inhibitor
NORKOOL Corrosion Inhibitor 234	nitrite based re-inhibitor

System Cleaners/Degreasers

	Application
NORKOOL System Cleaner	Mixture of chelating agents for rust and scale removal
NORKOOL System Degreaser	Mixture of nonionic and anionic surfactants for grease removal

NORKOOL Coolants Protect Against Cavitation Corrosion



After 14,400 hours **with** NORKOOL coolant – no cylinder liner cavitation corrosion



After 5,500 hours **without** NORKOOL coolant – cavitation and liner perforation

To Learn More . . .

For more information about NORKOOL industrial coolants, or the location of the distributor nearest you, contact Dow toll-free at:

1-800-447-4369 (U.S. and Canada)

Or call 989-832-1560 (Other Global Areas)

www.norkool.com

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Printed in March, 2005



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