



PRODUCT BULLETIN



S-66 SYN-TAL™ LUBRICANT

"A 100% synthetic lubricant designed for extreme chemical contamination and arctic low temperatures."

DESCRIPTION:

This 100% synthetic lubricant was originally designed to withstand the extreme conditions of reversing cocks on coke oven batteries in coke plants. This lubricant has a working temperature as low as **minus** 40 degrees Fahrenheit and is non-melting. This sophisticated formulation, exclusive only to Steelco Industrial Lubricants, Inc., allows for use in both high and arctic low temperatures.

Where conventional petroleum lubricants fail, Steelco's S-66 SYN-TAL™ Lubricant excels. Being subjected to aggressive chemical compounds such as Ammonium Sulfate, Ammonia Complexes with Iron Sulfide, Thiocyanates, Cyanides and Aromatic Hydrocarbons (Benzene, Toluene, Zylene, etc.) this lubricant performs like no other available.

The S-66 SYN-TAL™ was developed at the request of a major steel company who was having a problem in their coke plant reversing cocks. Their lubricant packing was failing because of elevated concentrations of Ammonium Sulfate allowing coke oven gas to breach the seal. Steelco's S-66 SYN-TAL™ was then developed to eliminate those often dangerous breaches or "pops."

Steelco's S-66 SYN-TAL™ Lubricant offers excellent mechanical stability. The non-melting and arctic low characteristics demonstrate its thermal stability and will extend lubrication intervals several times that of conventional lubricants.

APPLICATIONS:

Designed primarily to withstand the extreme conditions in coke oven batteries, this unique product can be used in applications with moderate to low speed lubricated bearings, both friction and anti-friction. Excellent for arctic low temperature operations and where aggressive chemical contamination is present.

USER BENEFITS:

- * **EXTENDED EQUIPMENT LIFE**
- * **REDUCES LABOR**
- * **REDUCES DOWNTIME**
- * **REDUCES MAINTENANCE**
- * **NON-MELTING**
- * **ARCTIC LOW CHARACTERISTICS**
- * **INCREASED PRODUCTION**

TYPICAL TEST DATA:

NLGI NUMBER	2
PENETRATION	275
MELTING POINT	NON-MELTING
TEXTURE	TACKY
COLOR	CLEAR

BASE OIL:

VIS CST @ 40 C.	60-65
POUR POINT	-40°F.
VISCOSITY INDEX	135

AUTHORIZED DISTRIBUTOR: