

# NEUTRONLUB

THE BEST HI-TECH FLUID & COMPOUNDS - USA



## NEUTRON 928HT High Temperature Chain Oil

**NEUTRON 928 HT** is a group of premium quality industrial lubricants designed for the oil-fog or mist-lubrication of machine components such as chains etc. **NEUTRON 928 HT** lubricants are formulated with base stocks carefully selected for outstanding low-temperature properties and a proprietary additive package for exceptional stray mist control and oxidation stability. The outstanding oxidation stability of **NEUTRON 928 HT** resists deposit formation under high-temperature operating conditions, which helps reduce wear rates and prolong equipment life. Their low pour points reduce the risk of wax plugging at the reclassifier, which could otherwise cause premature equipment failure.. The formulation of **NEUTRON 928 HT** is carefully balanced to ensure that the additives do not severely reduce the oil-to-air ratio in the oil-mist system, which might avoid adequate lubrication of the machine elements. **NEUTRON 928 HT** is fortified with anti-wear and EP agents that provide highly effective protection, especially for heavily loaded chain such as those used in the metal rolling industry.

The advanced, proprietary, technology of **NEUTRON 928 HT** has been proven in field and laboratory tests to lubricate and protect equipment over a wide range of operating temperatures and conditions. Use of **NEUTRON 928 HT** can reduce overall costs by reducing premature chain repair costs, and extending equipment life. Its low-stray-mist tendencies can significantly improve the quality of the work environment and enhance safety. Care should be taken to use **NEUTRON 928 HT** in accordance with the viscosity-temperature recommendations of the equipment manufacturer..

### Features and Benefits

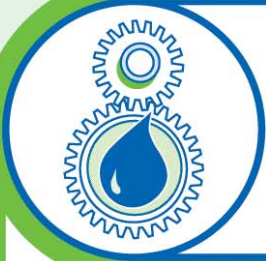
**NEUTRON 928 HT** oils enjoy a reputation for quality and consistency, as well as the ability to handle a variety of tough chains applications. They are manufactured with high quality mineral stocks and a specially chosen additive system. As with other Neutron brand products, **NEUTRON 928 HT** lubricants are manufactured under the highest level of quality assurance and control in our modern blending facilities.

**NEUTRON 928 HT** Oils offer the following benefits:

- Low stray-mist characteristics to ensure low oil consumption and reduced product costs
- Outstanding oxidation stability for long product life in tough high air exposure conditions, with reduced product replacement costs
- Very good EP and anti-wear performance for gear and bearing protection and lower maintenance and replacement costs
- Low pour points for very good low temperature start-up and reduced risk of wax plugging at the reclassifier and premature chain failure
- Good rust performance to protect the equipment.
- Manufactured under our stringent Product Quality Management System (PQMS) quality control standards.

### NEUTRON FLUID & COMPOUNDS DIVISION

Value shown here are typical and may vary. NEUTRON FLUID & COMPOUNDS DIVISION reserves the right to change or modify this product for purpose of improving its performance characteristics.



# NEUTRONLUB

THE BEST HI-TECH FLUID & COMPOUNDS - USA



**NEUTRON 928 HT** and NEUTRON 932 oils are designed for use in all oil mist lubrication systems. Such systems work by dispersing very small droplets of oil in smoothly flowing air, distributing the oil mist to the points of application and mechanically condensing the mist, causing the oil to impinge on and wet the surfaces to be lubricated.

The higher viscosity of **NEUTRON 928 HT** and **NEUTRON 932** grades may require thermal misting devices to form proper dispersions when ambient temperatures are moderate or low. These two products provide dependable performance in the oil-mist lubrication systems of major manufacturers such as ceramic industry, paint, textile industry, plastic, food, paper, rubber, leather, cane sugar etc.

Any how, for higher temperature condition  $> 260\text{ }^{\circ}\text{C}$ , **NEUTRON 932** is strongly recommended, because it is fully synthetic.

## TECHNICAL INFORMATION

Parameters	ASTM TEST	RESULT
Base oil		Semi synthetic
Flash point, $^{\circ}\text{C}$	D-92	254
Fire point, $^{\circ}\text{C}$	D-93	293
Pour point, $^{\circ}\text{C}$	D-97	- 28
Viscosity SUS @ $100\text{ }^{\circ}\text{F}$	D-2161	310
SUS @ $210\text{ }^{\circ}\text{F}$	D-2161	52
Viscosity Index	D-287	138
Ash, INT %		0.89
Color	D-1500	2.0

## NEUTRON FLUID & COMPOUNDS DIVISION

Value shown here are typical and may vary. NEUTRON FLUID & COMPOUNDS DIVISION reserves the right to change or modify this product for purpose of improving its performance characteristics.