STRIBECK ADDICHEM
Manufacturer of Speciality Chemicals and Additives

PRODUCT DATASHEET

Strilube®5106

DROP POINT ENHANCER, ANTIWEAR AND RUST INHIBITOR

Strilube 5106 contains mixed Alkyl Borate Ester for drop point increase in Calcium 12- hydroxy-stearate and lithium greases. It is truly multifunctional as it reduces the wear and friction while enhancing the drop point of the grease, giving additional tribological performances.

Physio-chemical properties

Tests	Test Method	Results
Appearance	*Visual*	**Clear/ Pale Yellow**
Density at 29.5^{0}C	*ASTM D-1298*	**0.91 g/ml**
Kinematic Viscosity at 40^{0}C	*ASTM D-445*	**4 cSt (Typical)**
Flash Point	*ASTM D-92*	**60^{0}C**

Note - Above are the typical data and not to be considered as product specification

Typical Treat Rate:

- 2.0% w/w for Simple Lithium base grease based on 12-HSA
- 2.3% w/w for Simple Lithium base grease based on HCO
- 3.0 to 3.5% w/w for Calcium 12-hydroxystearate based greases

Performance data in Calcium 12-hydroxystearate Grease

	Base Grease	***Calcium 12-hydroxystearate base Grease + 3.5% STRILUBE 5106***
Penetration (Unworked)	**231**	**238**
Penetration (60 strokes) *ASTM D-217*	**230**	**235**
Drop Point *ASTM D-2265*	**150^{0}C**	**185^{0}C**
Four-ball wear *ASTM D-2266*	**0.65 mm**	**0.48 mm**
Four-ball weld load *ASTM D-2596 (welding point)*	**160 Kg**	**250 Kg**
Copper Corrosion *ASTM D-4048 (24 hours, 100^{0}C)*	**1a**	**1a**

Note: Performance data is based on the base grease available with known process of synthesizing. Results may vary to some extent from base grease to base grease even for the same composition. It is recommended to confirm the performance of the additive in the base grease intended to use in the field.

PACKING: 190 Kg (419 lbs) closed head drum

STORAGE CONDITIONS: Store in a cool, dry place away from any direct source of heat and moisture. Maximum recommended storage temperature: 46^0C (115^0F)

SOLUBILITY: Soluble in petroleum and synthetic lubricant base stocks and most common solvents. Insoluble in water. However, it is recommended to verify the solubility in the base oils used and the compatibility with other additives.

SHELF LIFE: Best if used within 18 months from the date of manufacture.

Manufactured by:
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