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An ISO9001 Certified Company
 PD SHC326NP
 REV. #1
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SHC326-NP-84.0 Enhanced PAO Based Synthetic Lubricant for Sintered Metal Bearings

DESCRIPTION

SHC326-NP-84.0 is an optimized synthetic lubricant consisting of a fiber oil blend that exceeds the performance of typical PAO's. It is formulated to resist oxidation and corrosion while minimizing wear. High viscosity index and low pour point indicate excellent low temperature fluidity (-35°C) while also providing protection at high temperatures (130°C).

SHC 326-NP products are optimized for function as an impregnating fluid for powdered metal bearings, parts and wicks and offers protection and reliability over the widest useful temperature range

PRODUCT FEATURES

- Excellent oxidation resistance and corrosion protection
- Very low evaporation rate
- Good load carrying capacity
- Reduces friction for low-wear rates
- Outstanding film strength

Base Oil Performance Test	Test Method	Typical
Base oil composition	Infra-Red Scan	Optimized PAO
ISO VG	D2422	68
Density @20°C	D1298	0.850
Color	Visual	yellow
Flash Point, °C	D97	>260
Pour Point, °C	D92	-51
Viscosity, cSt @ 40°C	D445	66.28
Viscosity, cSt @ 100°C	D445	10.35
Viscosity Index	D2270	143.2
Copper Corrosion, 24 hrs. @ 100°C	D130	1a
Rust Protection, 3hrs, 60°C	D665(B)	Pass
Falex pin and vee Block, 320Kg, 15 mins	D3233 (Modified)	Pass
Falex pin and vee Block, lbf.	D3233(b)	1750
Evaporation loss, wt. %, 22hrs, 100°C	D972	0.01
Oxidation Induction Time, mins	D6186	48
PermaWick		
Base Oil	Infra-Red Scan	SHC326 oil
Fiber to Oil Ratio (%)	In-house	16 to 84 (±1%)
Moisture Content	D95	< 1.6%
Structure	Visual	Grain like (Gray - Brown)