



NESTE BETA ZFX

ISO VG 68,100,150,220

Neste Beta ZFX-oils are new generation Beta- paper machine oils having sustainable, new type of ashless additive chemistry. The new chemistry effectively inhibits encrustation and scale build-up on hot running bearings and gives good protection against wear. Robust design of Neste Beta ZFX-oils means higher tolerance of papermaking chemicals.

Special features of Neste Beta ZFX -oils:

- excellent wear protection
- very good rust prevention and protection of yellow metals
- outstanding filterability and water and air separation
- high resistance against oxidation
- low foam build-up and high tolerance to papermaking chemicals

TYPICAL CHARACTERISTICS	68	100	150	220
Densitykg/m ³ 15°C	881	885	890	895
Flash Point°C (COC)	224	238	234	232
Pour Point°C	-9	-6	-6	-6
Viscosity Index	103	97	93	93
ViscositycSt/ 40 °C	68	100	150	220
ViscositycSt/ 100 °C	8,9	11,3	14,6	19,1
Rust prevention A/B (ASTM D 665)	pass	pass	pass	pass
Scuffing resistance (FZG damage stage)	12	12	12	12
Foaming I,II,III(ASTM D892)	0/0	0/0	0/0	0/0
Water separation (ASTM D 1401)	<20	<20	<20	<20
Copper Corrosion (ASTM D 130)	1A	1A	1A	1A

Neste Beta ZFX-oils are used as circulation oils in paper-,cardboard- and pulp dryer machines including hot calendering sections. They can be applied to cylindrical, bevel and worm gears under moderate and heavy loads.

RAU4L 00659.D

RAUAH 00925

METSO SOLID-ROLL

VOITH VN 108 (2004)

SKF Dryer section specification

KÜSTERS

DIN 51517-3 (HLP)

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