NESTE OIL

NESTE LAMDA 220 ZF, 320 ZF, 460 ZF

(2/2) Fully synthetic paper machine oils

A new type of fully synthetic base liquid with excellent heat resistance and a high natural viscosity index is used to make Neste Lamda ZF oils. These oils contain high-performance additives for efficient rust, foam, wear and oxidation resis-
tance. Neste Lamda keeps its lubrication properties longer and
works smoothly at higher temperatures than ordinary mineral oils
and the synthetic liquids used previously.

Special features of Neste Lamda ZF oils:

- excellent oxidation and heat resistance; long life
- excellent wear and rust resistance
- extremely high viscosity index, wide operating temperature range
- easy cold start, low flow resistance
- low foaming, good air separation

TYPICAL CHARACTERISTICS	**220 ZF**	**320 ZF**	**460 ZF**
Densitykg/m^3 15^oC	854	852	856
Flash Point^oC (COC)	260	260	260
Pour Point^oC	-45	-42	-39
Viscosity Index	178	191	184
ViscositycSt/ 40 ^oC	220	320	470
ViscositycSt/ 100 ^oC	30	42,7	55,1
FZG, DIN 51354	12	12	12
Rust resistance test D 665 A and B	pass	pass	pass

Neste Lamda ZF oils are particulary suitable for bearings used in the latest high-output paper machines with operating temperatures over +95 °C and axial and radial loads.

Typical uses of Neste Lamda:

Deflection compensated rolls, circulation lubrication
of drying parts Neste Lamda 220 ZF
Deflection compensated rolls with oil as
heat transmission liquid Neste Lamda 320 ZF, 460 ZF

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