NESTE OIL

NESTE LAMDA 32 ZF, 68 ZF, 100 ZF, 150 ZF

(1/2) 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	**32 ZF**	**68 ZF**	**100 ZF**	**150 ZF**
Densitykg/m^3 15^oC	846	849	853	852
Flash Point^oC (COC)	230	266	268	260
Pour Point^oC	-54	-57	-51	-51
Viscosity Index	139	154	160	186
ViscositycSt/ 40 ^oC	32	68	100	151
ViscositycSt/ 100 ^oC	5,9	11	15,9	23,3
FZG, DIN 51354	10	11	12	12
Rust resistance test D 665 A and B	pass	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:

Thermomechanical pulp refiners
with sleeve bearings Neste Lamda 68 ZF
Deflection compensated rolls
without planetary gear Neste Lamda 100 ZF
Deflection compensated rolls, circulation lubrication
of drying parts Neste Lamda 150 ZF

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