

PETRONAS LOGAMOL ESP SERIES

General Purpose Spindle Bearing Lubricant

LOGAMOL ESP Series are blended using high quality, low viscosity paraffinic base oil. They possess excellent oxidation-resistant and give distinctive corrosion protection.

The zinc-free anti-wear additives used in the formulation improve the oil capacity for absorbing pressures and reduce wears.

LOGAMOL ESP Series are mainly used in the machining industry for lubrication of hydrodynamic spindle bearings, in the area of grinding spindles on finish grinding machines and on high speed rolling bearings in textile machinery. In short, Petronas Logamol ESP Series are most suitable for applications where high rotation speed and precise drive elements are employed.

Performance Features

- **Petronas Logamol ESP Series** contain a carefully selected and balanced additive combination that provides enhanced oxidation and thermal stability, corrosion protection, mild anti-wear, pour point, air-release and anti-foam properties. As such, they are suitable for use in oil lubricated high speed bearings application.

Packaging

- 18 Liters pails and 209 Liters Drum.

Typical Properties

Characteristics	Test Method	ISO Grade		
		5	10	15
Appearance	Visual	Light yellow	Light yellow	Light yellow
Density	D-1298	0.84	0.865	0.869
Kinematic Viscosity, @ 40°C, cSt	D-445	4.5	10.0	15.0
Flash Point, °C	D-92	140	150	160

Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.