



Magna ZN 100

General Machine Lubricant

Description

Castrol Magna™ ZN 100 is formulated from premium quality refined base oils and contains anti-wear and tackifying additive for application as a general lubricant to chains, slides, sprockets, and bearings as utilised in the saw mill industry.

Application

Magna ZN 100 is an excellent general machine lubricant which can be utilised in a central lubrication system as common in commercial Saw Mill operations.

Magna ZN 100 is applicable for lubrication of chains, sprockets, slides, bearings and lightly loaded gearbox applications.

Advantages

- Minimises throw off especially on large fast moving Saw Mill Chain Systems.
- Minimises wear on chains, slides, bearings and may be applicable for lightly loaded gearboxes.
- May be dispensed from central lubrication system.

Typical Characteristics

Name	Method	Units	Magna ZN 100
Appearance	Visual	-	Clear & Bright
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m ³	890
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	105
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	11.1
Viscosity Index	ISO 2909 / ASTM D2270	-	96
Pour Point	ISO 3016 / ASTM D97	°C/°F	-18-0.4
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	10/0
Water Separation @ 54°C / 129°F (40/37/3)	ISO 6614 / ASTM D1401	minutes	15
Flash Point - closed cup method	ISO 2719 / ASTM D93	°C/°F	220/428
Air Release @ 50°C / 122°F	ISO 9120 / ASTM D3427	minutes	12
Rust test - synthetic seawater (24 hrs)	ISO 7120 / ASTM D665B	-	Pass
Copper corrosion (3 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1A
Four Ball Wear test - Wear Scar Diameter	IP 239	mm	0.3
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Failure Load Stage	12

Subject to usual manufacturing tolerances

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