

STANDARD SINT 15

BIODEGRADABLE SYNTHETIC LUBRICANT

DESCRIPTION

STANDARD SINT 15 is an oil with biodegradable synthetic ester base.

APPLICATIONS

STANDARD SINT 15 is suitable for lubrication of open mechanisms working under light loads in very dusty environments, in extreme climatic conditions and where there is a possibility of environment contamination:

- Chains in machinery for agriculture and forestry working at very low temperatures, down to -50°C.
- Chains in mineral processing industries with high presence of dust.
- Chains in ceramic manufacturing industries, with dust and temperatures up to +180°C.

PROPERTIES

- Low viscosity that eases penetration in the inner parts of the chain for friction reduction.
- Wide working temperature range, from -50°C up to +180°C, this allows a big variety of applications.
- High natural polarity of its ester base that gives high adherence with minimum dropping taking account of its low viscosity.
- Minimum dust attraction that avoids formation of abrasive pastes in the inner parts of the mechanisms.
- It presents high biodegradability so it minimizes environmental impact in case of waste.

TECHNICAL CHARACTERISTICS

	Method	Typical values	Units
Appearance	-	Clear liquid	-
Density at 15°C.	ASTM D-1298	0,918	gr/cm3
Viscosity at 40°C.	ASTM D-445	14,8	cSt
Viscosity Index	ASTMD-2270	137	-
Flash point	ASTM D-92	210	°C
Pour point	ASTM D-97	-60	°C
Biodegradability	CEC L-34	84	%

Rev: 10/24

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