

KOMATSU®

Product data

Forestry Quality™

Environmentally considerate fluid for saw chain lubrication

SCO Natura are based on vegetable oils and are developed for chainsaw and transport chain lubrication. SCO Natura is biodegradable with low eco toxicity and are particularly suited for use in applications where environmental acceptability is required.

Performance, Features & Benefits

Readily Biodegradable

Biodegraded by >60% after 28 days when tested in OECD 301 B (CO2 evolution test).

Low Ecotoxicity

'Not harmful' to algae, invertebrates (Daphnia) and fish; EL50/LL50 >100 mg/l when tested as wateraccommodated fractions in OECD 201, OECD 202 and OECD 203.

Good lubricity

Level of oil mist low

Good low temperature properties

Ideal for all year round use.

Main Applications

SCO Natura for saw chains in general use.

Specifications, Approvals & Recommendations

No official approvals, but SCO Natura have been successfully used for years in many applications especially in Scandinavia.

Compatibility & Miscibility

Compatibility

Compatible with paints and seals usually used in application with mineral oil.

Dusty Environments

In dusty environments, deposits might be formed. These can prevent the oil penetrating into the links.

Typical Physical Characteristics

Properties	Method	SCO Natura
ISO Viscosity Grade	ISO 3448	68
Kinematic Viscosity @40°C mm ² /s	ASTM D 445	68
Kinematic Viscosity @100°C mm ² /s	ASTM D 445	13.5
Viscosity Index	ISO 2909	205
Density @15°C kg/m ³	ISO 12185	920
Flash Point (COC) °C	ISO 2592	230
Pour Point °C	ISO 3016	-36
Biodegradability %	OECD 301 B	>60

These characteristics are typical of current production, variations in these characteristics may occur.

Health, Safety & Environment

Health and Safety

Guidance on Health and Safety is available on the appropriate Safety Data Sheet.

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

SCO Natura

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