



CHAINOIL

Properties and main applications

CHAINOIL is specially formulated with only selected natural-based component substances, providing optimal lubrication, anti-wear properties and corrosion protection for your chainsaw. The analytical colour values always fall well within the specification range (typical colour values are of 10-11 Gardner).

CHAINOIL provides good performance down to low temperatures, successfully passing the more common laboratory tests that measure a chain oil resistance after standing down to 0°C for a limited period of time.

CHAINOIL is readily biodegradable and environmentally compatible if spilled on to the ground, it preserves a worker's occupational safety (Biodegradation > 90% according to CEC-L33-93).

Note: the product does not contain any mineral oils.

| Parameter | Unit | Typical values | | Method |
|------------------------------|-------------------|-----------------------|-------|--------------|
| | | min | Max | |
| Appearance at 20°C | at sight | Clear, limpid fluid | | - |
| Colour [qualitative] | at sight | Light amber to orange | | - |
| Colour [analytical] | Gardner | | 14 | NGD C22 - 76 |
| Relative density at 20°C (*) | g/cm ³ | 0,925 | 0,935 | NGD C18 - 76 |
| Viscosity at 40°C | cSt | 38 | 41 | NGD C19 - 76 |
| Viscosity index (*) | - | 180 | | ASTM D 2270 |
| Flash point (COC) (*) | °C | 250 | | ASTM D 92 |
| Moisture and volatile matter | % | absent | | NGD C3 - 76 |

(*) Typical/characteristic parameters, given for customers information only; analyses are not carried out on a single batch basis