

Carter MS 100

Product for open gears in locomotive transmission and sugarcane presses

APPLICATIONS

Product for open gears lubrication in general and particularly those in railway transmission and sugarcane presses.

Product based upon bitumen and very viscous oils for lubricating open gears. Due to the very high adhesiveness, Carter MS 100 establishes an adapted lubricated film at low speed for heavy loaded transmissions such as locomotive and presses gearboxes.

ADVANTAGES

Excellent extreme-pressure and anti-wear properties.

Very good protection against corrosion and rust.

Excellent thermal stability.

Excellent adherence to metal surfaces.

Its high temperature behavior and high viscosity provide a prolonged lifetime particularly needed for hardly accessible mechanism.

SPECIFICATIONS

NF-ISO 6743-6 category CKJ

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Carter MS 100
Density at 15°C	kg/m ³	ISO 3675	972.5
Viscosity at 40°C	mm ² /s	ISO 3104	6 800
Viscosity at 100°C	mm ² /s	ISO 3104	133
Open cup flash point	°C	ISO 2592	226
Timken OK load	Lbs	ASTM D 2509	45
4-ball EP test: welding load	daN	DIN 51350-2	400

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at ms-sds.totalenergies.com