



Product Data

Castrol Viscogen[®] 0+4

Castrol Viscogen 0 is a semi-fluid gear grease for long time lubrication of open gears under extreme loads.

Castrol Viscogen 4 is a soft, outstandingly adherent gear grease for long time lubrication of open gears working under very high flank pressures.

Castrol Viscogen 0 and 4 do not contain any solvents.

Features

- Outstanding adherence
- Excellent corrosion protection
- Extreme load carrying ability under continuous and impact loads
- Resistant to weather, moisture, dust and vibrations
- Aging and searing resistant
- Viscogen 0 can easily be pumped and sprayed
- Reduce or stabilize damage
- Resistant to hot and cold water
- Extremely long-lasting lubricating ability
- ISO symbol: L-C

Uses

- To lubricate and protect:
- Wire ropes
- Open gears of dredges, draglines and bucket wheel excavators
- Gears and slewing rings of cranes and shovels
- Gears on winches and crushers
- Reduction gears and adjusting screws on stamping presses
- Highly stressed open worm gears, rack and pinion sets
- Open gears on rotary cement kilns, ball and rod mills

Application

Before initial application, clean gear teeth of old residual lubricants.

Apply **Castrol Viscogen 4** to teeth with a spatula, hard brush or from our convenient caulk gun tube.

Apply **Castrol Viscogen 0** with grease gun, brush or use of a "slush" pan. It also has excellent spraying characteristics and has been tested in equipment of major machine manufacturers.

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Typical Characteristics

	0	4
Color	Black	Black
Base	Metal soap, mineral oil solvent free	
Consistency accord. to NLGI grade, DIN 51818	0	2-3
Worked Penetration, 0.1mm, DIN ISO 2137	355-385	250-260
Shear stability, DIN ISO 2137		
Diff: Pw60-Pu, 0.1mm	10-20	10-20
Diff: Pw100,000-Pw60, 01.mm	0-10	20-40
Dropping Point, DIN 51801	180°C	185°C
Four ball ok load, DIN 51350	5500	5000
Timken wear test 195 N, mg, SEB 181302	1.5	1.5
Water resistance@90°C, DIN 51807	1(minor change)	
Corrosion protection, DIN 51802	Grade 0	
Oxidation resistance, DIN 51808, bar		
@ 100h/100°C	0.5	0.5
FZG special test A/2, 77/50, DIN 51354		
Load stage	12	-
Temperature range °C	-20 to 125	-15 to 130

Subject to Usual Manufacturing Tolerances.

All reasonable care has been taken to ensure that this information is accurate as of the date of printing. Nevertheless, such information may be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.