

Motorenöle

Motor oils

Getriebeöle

Gear oils

**Zweitaktöle und
Traktorenöle**

*Two-stroke oils and
tractor oils*

Hydrauliköle

Hydraulic oils

**Industrie- und
Spezialschmierstoffe**

*Industrial and
specialty lubricants*

PENNASOL INDUSTRIAL GEAR OIL CLP

PENNASOL INDUSTRIAL GEAR OIL CLP is based on paraffinic base oil and modern additive technology. Effective zinc and ash free components guarantee optimal lubrication and long term protection against oxidation. It is used to lubricate spur-, bevel- and worm gears, gear trains and bearings with dip and circulator lubrication, jaw clutches axial bearings of roller mill stands and highly loaded sliding surfaces (joints). The oil performs very well in gears and bearings of rolling mill stands, on calenders, mining machinery, winches and crushing mills.

Specification:

- DIN 51517 part 3
- FZG-Test A8,3/90 load stage: >12
- FE8 wear test (DIN 51819-3): bearing wear 1,1mg; cage wear 127mg

Recommendations:

AIST 224 (US Steel)	AGMA 9005 E02 (EP)
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Parameter	Unit	Testing method	PENNASOL INDUSTRIAL GEAR OIL CLP		
			ISO VG 220	ISO VG 320	ISO VG 460
Density 15°C	kg/m ³	DIN EN ISO 12185	890	895	900
Flash point COC	°C	DIN ISO 2592	240	240	240
Pour point	°C	DIN ISO 3016	-24	-24	-21
Viscosity 40°C	mm ² /s	DIN 51562-1	214,4	307,2	437,3
Viscosity 100°C	mm ² /s	DIN 51562-1	19,4	24,7	31,3
VI		DIN ISO 2909	100	99	98

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