

STRUB Vulcogear EP

Industrial high-pressure gear oils



Description

STRUB Vulcogear EP are industrial high pressure gear oils based on mineral oil. STRUB Vulcogear EP are lead and chlorine free.

Application

For lubrication of industrial gears of any type and design. Can also be used in working machines, conveyors, etc.

Features and advantages

- highest load capacity and excellent protection against wear and tear
- excellent corrosion and rust protection
- good wettability
- fast air and water release properties
- good compatibility with commonly used seals, good compatibility with non-ferrous metals
- favorable viscosity-temperature behavior, low pour points
- thermally stable and very good aging resistance
- prescribed for gearboxes with components made of bronze or other copper alloys

Specifications

DIN 51517 part 3, lubricating oils CLP
 ISO 12925-1 CKC/D
 AGMA 9005-E02, U.S. Steel 224,
 SEB-181-226
 Cincinnati EP Gear Oils
 David Brown S1.53.101

Technical data

ISO	32	46	68	100	150	220	320	460	680	1000
Art.-No.	32631	33550	30013	30014	30015	30752	30739	30018	30020	31209
Density at 20°C	0.864	0.876	0.880	0.888	0.890	0.895	0.898	0.900	0.910	0.924
Visc. at 40°C mm ² /s	32	46	68	100	150	220	320	460	680	1000
Visc. at 100°C mm ² /s	5.4	6.7	8.8	11.0	14.5	19	24	30	38	47
Visc. index min.	100	100	100	100	100	100	98	95	95	95
Flash point °C	210	230	240	250	260	270	280	290	300	310
Pour point °C	-33	-33	- 30	- 27	- 24	- 21	- 18	- 15	- 12	- 6
FZG A/8.3/90 °C min.	12	12	12	> 12	> 12	> 12	> 12	> 12	> 12	> 12
Timken ASTM D-2782 lbs	65	70	70	75	75	75	75	75	80	85
Copper corrosion	1a									

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 02 05

Information

In addition to STRUB Vulcogear EP, we produce a variety of other gear oils. For example, STRUB Vulcogear Synt EP as fully synthetic gear oils for industrial gearboxes and synthetic, semi-synthetic and mineral gear oils for vehicles and work machines.

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