

STRUB Planto Syntgear

Environmentally friendly circulation and gear oils on a synthetic basis





Description

STRUB Planto Syntgear are gear oils formulated with special synthetic esters. During product development and formulation, a special additive combination was selected which protects against both normal wear and micropitting.

Application

STRUB Planto Syntgear are used in spur, bevel, planetary and worm gear units especially in environmentally sensitive areas as well as for the lubrication of drives in water protection areas where oil leakage could endanger ground and surface water. For optimum protection and long oil life especially under extreme conditions. Specially developed for protection against micropitting in modern case-hardened gears at low and high temperatures.

Features and advantages

- Multigrade oil with excellent shear stability
- special high pressure absorption capacity •
- High thermal stability
- rapidly biodegradable (>60% according to OECD 301 B) •
- excellent wear protection and micro-pitting resistance .
- excellent demulsifying capacity
- Increased protection of the bearings •
- excellent corrosion protection •
- fast air separation capacity •

Specifications

DIN 51517 Part 3: Lubricating oils CLP ISO 6743-6, ISO 12925-1: CKC /CKD /CKE AGMA 9005/E02: EP Flender

The information in this technical data sheet is based on general knowledge and possible applications. Strub + Co. AG is not liable for damage resulting from improper use of the products. The measurement and production tolerances customary in the industry apply to the characteristic data given. In general, no legal binding force 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.

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Technical Data

ISO VG			68	100	150	220	320	460	680
Item no.			32418	32436	32438	32439	32440	32441	32442
Features	Norm	Unit							
Density 20 °C	DIN 51757	g/ml	0.945	0.946	0.948	0.956	0.958	0.958	0.998
Viscosity 40 °C	DIN 51562	mm²/s	68	98	150	220	320	450	680
Viscosity 100 °C	DIN 51562	mm²/s	11	15	20.8	28.5	38.2	49.6	63
Viscosity index	DIN ISO 2909		153	162	162	168	170	172	162
Flash point	DIN ISO 2592	°C	>240	>240	>240	>240	>240	>240	>240
Pourpoint	DIN ISO 3016	°C	-45	-42	-42	-42	-39	-39	-36
FZG test	DIN 51354	Damage	> 12	> 12	> 12	> 12	> 12	> 12	> 12
A/8.3/90		power level							
Corrosion test / steel	ASTM D665 A/B		Pass						
Corrosion test /copper	ASTM D130		1B						

Transport

ADR/SDR

No dangerous goods

Disposal

LVA VeVA / EAK:

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