

# STRUB Vulcogear O.A.P. XMP Serie

Fully synthetic ultrahigh-pressure gear oils for industrial plants



## Description

Fully synthetic ultrahigh-pressure gear oils for industrial plants based on polyalphaolefins (PAO).

## Application

For lubrication of spur, bevel and planetary gears exposed to strong pressure and high temperature loads, gears in plastic extruders, modern highly loaded gears in the paper, steel, oil, wood and cement industries. For optimum protection and long oil life, especially under extreme conditions. Specially formulated for protection against micropitting in modern case-hardened gears at low and high temperatures.

Although STRUB Vulcogear O.A.P XMP is compatible with mineral oil products, mixing should be avoided due to performance degradation.

## Features and advantages

- very favorable viscosity-temperature behavior (high viscosity index)
- very good high and low temperature properties
- high pressure load capacity and excellent protection against wear
- high oxidation resistance
- very good corrosion protection properties for steel and non-ferrous metals
- good sealing compatibility
- extended oil change intervals, higher lubrication reliability!

## Specifications

DIN 51517-3 (CLP)
Flender
AGMA 9005-D95

## Technical data

ISO VG Art.-No.	15 33350	32 33469	46 33292	68 32010	100 31051	150 31049	220 31050	320 31010	460 31014	680 31434	1000 32030
Density at 20°C (g/cm <sup>3</sup> )	0.826	0.838	0.832	0.840	0.845	0.845	0.846	0.852	0.852	0.856	0.858
Viscosity at 40°C (mm <sup>2</sup> /s)	15	31	47	68	100	148	214	320	460	680	960
Viscosity at 100°C (mm <sup>2</sup> /s)	3.7	5.9	8.0	11	14	20.4	28.0	37.4	50.6	63.0	79.0
Viscosity index (-)	131	140	159	152	143	160	168	166	172	162	160
Flash Point (°C)	185	222	230	228	228	240	246	248	248	250	250
Pour Point (°C)	-42	-48	-48	-48	-42	-42	-42	-36	-36	-36	-30
FZG test A/8.3/90 DIN 51354	>12	>12	>12	>12	>12	>12	>12	>12	>12	>12	>12

## Transport

ADR/SDR

No dangerous goods

## Disposal

LVA VeVA / EAK:

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