

# STRUB Vulcan Draw Serie

High-performance drawing and forming oils (Inox)

## Description

Non-water miscible high performance drawing and forming oils.  
 STRUB Vulcan Draw contains chlorinated EP additives, esters, corrosion and aging inhibitors.  
 Non-resinous, oily film which can be easily removed with commercial cleaners.

## Application

STRUB Vulcan Draw 150 medium viscosity, for chipless forming, including cold pilgering (external and internal), deep drawing fine blanking, bending of steel and stainless steel materials. STRUB Vulcan Draw 560, 900, 1000, 7000 high viscosity, as wire drawing oil for steels, special steels, extreme drawing operations on high strength stainless austenitic steels, as well as nickel and titanium. Among others, stainless steel wire drawing on Schumag- machines with 30 - 55 m/s at a reduction of approx. 10 %.

Deep drawing processes:

Application by brushing, rolling, spraying, immersion baths, etc.

## Features and advantages

- good compressive strength
- high wetting capacity
- low evaporation and odor tendency

## Technical data

STRUB Vulcan Draw Art. No.		150 30392	560 32368	900 30800	1000 30995	7000 32615
Color		amber	yellow	amber	light yellow	light yellow
Density at 20°C	g/ml	1.01	1.19	1.26	1.27	1.14
Viscosity at 40°C	mm <sup>2</sup> /s	150	560	900	1030	ca.7000
Flash point	°C	> 160	> 160	> 160	> 160	>160
Pour point	°C	< - 5	< - 5	< - 5	< - 5	< - 5

## Satisfied customers report:

After countless drawing attempts and material breakage, we decided on STRUB Vulcan Draw 560  
 Decided

**Editing** Wire drawing, diameter from 9 to 8.2mm  
**Material** Stainless steel material No.1.4305 / X8CrNiS 18-9 (with sulfur addition)  
**Tool** Drawing dies: van Dies coated/ carbide insert  
**Machines** Drawing plant Schumag/ Carlo Banfi  
**Result** Drawing: significantly higher throughput, considerably extended tool life  
 bessere Oberflächengüte

## Transport

ADR/SDR No dangerous goods

## Disposal

LVA VeVA / EAK: 12 01 06

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