

## KAJO- Titanus 460-2

**KAJO-Titanus 460-2** is a natural-colored lubricant based on a calcium sulfonate complex thickener. Especially selected additives in combination with a highly viscous base oil guarantee good age resistance as well as good thermal load. Besides, the product shows outstanding corrosion protection. Wear protective additives provide low friction and a long working life.

### **Practical advantages:**

**KAJO-Titanus 460-2** was developed for lubrication of roller bearings served by central lubrication

systems. It is used with water cooled roller bearings in hot-rolling mills where high loads and high temperatures occur.

### **Properties:**

- high thermal load
- work stable
- oxidation stable
- water resistant
- good corrosion protection
- high load bearing capacities
- high adhesiveness

### **Typical characteristics:**

Properties	Value	Unit	Standard
NLGI class	2		DIN 51818
Worked penetration	265 - 295	0,1 mm	ASTM D217
Worked penetration $\Delta 60 - 100.000$	27	0,1 mm	ASTM D217
Thickener	Calcium Sulfonate complex	-	
Dropping point	>300	°C	IP 396
Base oil viscosity at 40 °C	approx. 460	mm <sup>2</sup> /s	DIN EN ISO 3104
Water resistance 3h/40°C	1	-	DIN 51807-1
Water spray off	16	%	ASTM D4049
Flow Pressure Kesternich -20°C	1375	mbar	DIN 51805
Corrosion protection EMCOR (dest. water)	0/0	Corrosion degree	DIN 51802
Copper corrosion 100°C / 3h	1A	Corrosion degree	DIN 51811
Oil separation 100°C / 30h	4	%	DIN 51817
VKA ok load VKA welding load	4400 4600	N	DIN 51350-4
Usage temperature range	-20 to +160	°C	DIN 51825
Marking	KP 2 P-20	-	DIN 51502

Version 2

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All data are average values and subject to production-related fluctuations.  
For the specified characteristic values, comparability and repeatability of the respective test method apply