

## **CHAMPION WAY OIL**

### DESCRIPTION :

These oils are particularly used for the lubrication of machine tool slideways. By the use of special additives, the adhesive and lubricity properties are increased and shocks (so-called stick-slip) are avoided.

### APPLICATIONS :

By its special quality these oils can be used for :

Slideways of machine tools;  
Chains;  
Reductions;  
General lubrication of machines when oil spattering has to be avoided.

### SPECIFICATION LEVEL :

CINCINNATI-MILACRON C°.

- P53 : oil for a centralised system, feeding the circuits and the slideways. ISO VG 32.  
P47 : oil with a medium viscosity for slideways of machine tools. ISO VG 68.  
P50 : oil with a high viscosity for vertical or heavily loaded slideways. ISO VG 220.

Passed the "Bijur Lubricating Corporation"-tests.

### TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result				
			32	68	100	150	220
Grade-ISO			32	68	100	150	220
Density at 15°C	D 4052	kg / m <sup>3</sup>	870	881	883	889	894
Viscosity at 40°C	D 445	cSt	32	69,2	100	158	210
Viscosity at 100°C	D 445	cSt	5,4	9,0	12,4	14,5	17,9
Viscosity index	D 2270		102	104	117	89	93
Pour point	D 6892	°C	-30	-24	-21	-21	-18
Flash point COC	D 92	°C	200	210	215	225	240
Classification	Cincinnati-Milacron		P53	P47	-	-	P50/P67
TAN	D 974	g KOH/kg	0,5	0,5	0,5	0,5	0,5

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.