

CITRAX EP

Description:

CITRAX EP is multi-purpose grease made mainly from refined mineral oil and lithium soap with EP additives containing no toxic heavy metals which are regulated as noxious industrial wastes. CITRAX EP is excellent in heat-resistance, water-resistance and EP property as well as mechanical stability, and suitable for general application and sliding surfaces.

Typical Properties:

Service temperature range $-20^{\circ}\text{C} \leftrightarrow 130^{\circ}\text{C}$
--

Test item	Test method	No.0	No.1	No.2	
Thickener	—————	lithium soap			
Base oil	—————	mineral oil			
Base oil kinematic viscosity(100°C), mm ² /s	ASTM D 445	15.6			
Appearance	—————	brown,buttery			
Worked penetration	ASTM D 217	370	325	280	
Dropping point, °C	ASTM D 566	185	190	190	
Copper strip corrosion(100°C,24h)	ASTM D 4048	pass	pass	pass	
Evaporation loss(99°C, 22h), mass%	ASTM D 972	0.35	0.32	0.30	
Oil separation(100°C,24h), mass%	ASTM D 6184 Mod.	—————	6.6	3.9	
Oxidation stability(99°C,100h), kPa	ASTM D 942	45	45	45	
Apparent viscosity(0°C), Pa · s	ASTM D 1092	10s ⁻¹	48	90	170
		25s ⁻¹	30	50	80
Timken OK value,kg	ASTM D 2509	18.1	18.1	20.4	
Working stability	FTMS 791C-313	390	340	300	
Water washout(38°C,1h), mass%	ASTM D 1264	—————	3	2	
Corrosion preventive properties(52°C,48h)	ASTM D 1743-73	# 1	# 1	# 1	

●The above values are typical properties and we cannot guarantee the applicability of this information in any individual situation. Information regarding the application and service temperature range or typical property values is provided as a guide in selecting the appropriate grease. It is recommended that the user makes its own assessment and determination of the safety and suitability of the product performance/properties for the intended purposes prior to use.

- Material Safety Data Sheet (MSDS) of the product should be consulted prior to the use.
- The information contained herein is subject to change without notice.