

Multi—purpose lithium grease

C I T R A X E P

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 analyses

Usage temperature range $-20^{\circ}\text{C} \rightleftharpoons 130^{\circ}\text{C}$
--

Test item		Test method	No.0	No.1	No.2
Thickener		—————	lithium soap	lithium soap	lithium soap
Base oil		—————	mineral oil	mineral oil	mineral oil
Base oil kinematic viscosity (100°C) mm ² /s		ASTM D 445	15.6	15.6	15.6
Appearance		—————	brown,buttery	brown,buttery	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	10s ⁻¹	ASTM D 1092	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

08/5

KYODO YUSHI Co., LTD.

2—2—30, Tsujido Kandai, Fujisawa-Shi, Kanagawa 251-8588, Japan
Phone: (0466) 33—3157 Facsimile: (0466) 33—3054