

# 4023-4025-4025 QUINPLEX® Food Machinery Lubricant Technica Data

## PHYSICAL CHARACTERISTICS—TYPICAL:

	<u>4023</u>	<u>4024</u>	<u>4025</u>
NLGI Grade	0	1	2
USDA Rating	H1	H1	H1
Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex
Worked Penetration, ASTM D217	355-385	310-340	265-295
Texture	Smooth w/Tack	Smooth w/Tack	Smooth w/Tack
Color	White	White	White
Dropping Point, °F. (°C.)	417 (214)	450 (232)	493 (256)

## TEST RESULTS – TYPICAL:

Oxidation Stability			
ASTM D942, psi drop @ 100 hrs.	5	5	5
ASTM D-5483, PDSC onset point, min.	>120	>120	>120
Rust Prevention Rating, with distilled water, ASTM D-1743	Pass	Pass	Pass
SRV EP Test Load, Newtons	1200	1200	1200
Resistance to Water Spray, ASTM D-4049, % Loss	—	—	5.0 Typical
Timken OK Load			
ASTM D-2509, lbs	40	40	50
4-Ball Wear			
ASTM D-2266, Scar Diameter, mm	0.49	0.48	0.39
4-Ball EP, ASTM D-2596			
Weld Point, Kg	400	400	400
LWI	60.32	62.71	69.30

## APPLICATION:

NSF registered and authorized for use in USDA Inspection and Grading Program plants. All food equipment where a water resistant, clean lubricant is required, and of course, many others where long life and retention in bearings is important.

## RECOMMENDATION:

	NLGI Grade	Operating Temperature	Maximum Bearing Speeds (rpm)
4023	0	-15 to 300°F (-26 to 149°C)	6,000
4024	1	0 to 350°F (-18 to 177°C)	6,000
4025	2	30 to 400°F (-1 to 204°C)	3,000

4025 also available in an aerosol spray which contains no chlorofluorocarbons.



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