



# Marfak<sup>®</sup> Multipurpose

## Proven performance multipurpose grease

Product Data Sheet



### Product description

Marfak Multipurpose is a proven performance multipurpose grease with an ISO 220 base oil in combination with anhydrous calcium thickener and rust & oxidation inhibitors.

Marfak Multipurpose is suitable for a wide range of automotive and industrial applications where a specialist EP lubricant is not required.

### Customer benefits

- Formulated to promote water wash-out resistance and equipment protection
- Stay-in-place performance assists equipment protection in wet operating environments
- Mechanical stability performance contributes to shear-down resistance and bearing leakage prevention
- Oxidation inhibitors help reduce base oil degradation, promoting long lubricant service life

### Applications

- General purpose automotive applications
- Industrial ball and roller bearings

### Approvals and performance

#### Performance

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Marfak Multipurpose 2	K 2 K-20	ISO-L-XBCEA 2	-20°C up to 120°C
Marfak Multipurpose 3	K 3 K-10	ISO-L-XBCEA 3	-10°C up to 120°C

### Product highlights:

- Wash-out resistance and equipment protection
- Stay-in-place formulation
- Mechanical stability performance
- Oxidation inhibitors promote long service life

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## Typical data

MARFAK MULTIPURPOSE			
TEST	TEST METHODS	RESULTS	
NLGI Grade		2	3
Product Code		510820	510821
Appearance	visual	Smooth, brown	
Soap type	-	Calcium Anhydrous	
Dropping point, °C	ASTM D566	150	150
Base oil type	-	Mineral	Mineral
Base oil viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	200	200
Base oil viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	17.6	17.6
Penetration worked, 60x, mm/10	ASTM D217	280	235
Copper corrosion 24h/100°C	ASTM D4048	1A	1A

2011

## ENVIRONMENT, HEALTH AND SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltex.com](http://www.caltex.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Global Lubricants**  
 - Asia Pacific

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