

# BLACK TAK MOLYPLEX

## MIXED METAL COMPLEX GREASE

### DESCRIPTION

Black Tak Molyplex is specifically developed to provide superior heavy duty industrial performance across a wide range of equipment. It is an extreme pressure, 5% molybdenum disulphide grease that provides excellent boundary protection from shock and wear under load. With an exceptional 800kg 4 ball weld load, Black Tak Molyplex is able to keep protecting equipment in the harshest environments. It has excellent water washout resistance and provides extended lubrication intervals in the harsh conditions of mining, earthmoving and construction.

Black Tak Molyplex is a mixed metal complex grease blended from selected base stocks incorporating high performing extreme pressure and water resistance additives, molybdenum disulphide anti-wear plus oxidation, corrosion and wear inhibitors.

### SUMMARY OF BENEFITS

- Excellent extreme pressure, boundary protection and antiwear properties
- Excellent resistance to water spray off and wash out
- Excellent protection against rust, oxidation and wear assisting troublefree operation
- Contains an optimised level of Molybdenum Disulphide to protect against impact, sliding mechanisms and assist extended lubrication intervals

### APPLICATIONS

Black Tak Molyplex is designed primarily as a severe heavy duty mining, earthmoving and construction equipment grease. Ideally suited to the lubrication of highly loaded bucket pins, plain and rolling element bearings and able to be used in hydraulic and pneumatic hammer applications, Black Tak Molyplex is a highly versatile multi-application grease for use in the harshest of conditions.

### STORAGE

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

### HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

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## TYPICAL CHARACTERISTICS

BLACK TAK MOLYPLEX	Test Method	Results
NLGI	-	2
Thickener	-	Mixed Metal Complex
Colour	-	Grey/Black
Texture	-	Smooth, Tacky
Worked Penetration @ 25°C	ASTM D217	280
Dropping Point °C	ASTM D2265	260
Oil Separation %	ASTM D1742	2%
Copper Corrosion (3hrs @ 100°C)	ASTM D130	1b
Rust Preventive Properties (48hrs @ 52°C)	ASTM D1743	Bearings: A, B, C pass
Water Washout, 39°C	ASTM D1264	<1%
Timken, OK Load, kg	ASTM D2509	25
4-Ball EP Weld Point, kg	ASTM D2596	800
4-Ball Wear Scar, mm	ASTM D2266	0.52
Base Oil Viscosity, cSt at 40°C	ASTM D445	500
Molybdenum Disulphide Content	-	5%

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.*

## AVAILABLE PACK SIZES

180kg - 40052, 20kg - 42052, 450gm - 40452