

## Multi-purpose grease with 3% Graphite for mining and heavy-duty equipment applications

### Product Description

DAYAN CAS-PLEX GR grease is part of Dayan's comprehensive range of multi-purpose mining and construction equipment greases, which offer protection from sustained heavy duty operations and shock loads in all climates and seasons. This grease offers excellent mobility even in colder winter conditions, for reliable delivery through central lubrication systems.

### Features and benefits

- Specifically designed for multi-season, including cold weather use
- Enhanced load-carrying and wear protection properties
- Excellent mechanical stability even in challenging operating conditions
- Effective in wet conditions
- Resists oxidation and prevents corrosive activity on bearings in aggressive process water environments
- Suitable for applications utilizing both ferrous or non-ferrous metallurgies

### Application

DAYAN CAS-PLEX GR is primarily intended for the grease lubrication of heavy-duty, slow-moving components such as pins and bushes, and sliding surfaces. It is designed for use in large mobile equipment in the mining industry and sectors such as quarrying and heavy construction. Solid additives facilitate the sliding motion and protect surfaces of plain bearings, pins and bushings.

### Product and environmental safety

Proper standards of storage and handling are necessary with all lubricants, and are particularly vital with greases. Packages should be treated with care at all stage, to prevent contamination of their contents and damage to containers. All packages should be stored indoors; where outside storage is unavoidable, they should be covered to avoid the possible ingress of water and the consequent obliteration of painted markings. Greases should not be exposed to extremes of temperature nor to direct hot sunlight.

The DAYAN trademark is registered and protected in Iran.



## Technical Data

Test	Units	Method	CAS-PLEX GR 1	CAS -PLEX GR 2
NLGI Consistency	-	-	1	2
Soap Type	-	-	Calcium sulfonate complex	Calcium sulfonate complex
Colour	-	-	Black	Black
Kinematic Viscosity at 40°C	cSt	ASTM D445	460	460
Cone Penetration, Worked	0.1mm	ASTM D217	310-340	265-295
Dropping Point	°c	ASTM D566	>300	>300
(4-ball)welding point	Kgf	ASTM D2596	>500	>500
Operating temperature range	°c	-	-20 to 180	-20 to 180

#### Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.