

TYPICAL TEST DATA

	EP 1	EP 2	Moly 3% EP1	Moly 3% EP2	Moly 5% EP1	Moly 5% EP2
Product Number	222207	222206	222231	223407	222232	223408
MSDS Number	23598	23598	23600	23600	23600	23600
Molybdenum Disulfide content%	—	—	3	3	5	5
Operating Temperature, °C(°F)						
Minimum	-26(-15)	-26(-15)	-26(-15)	-26(-15)	-26(-15)	-26(-15)
Maximum	177(350)	177(350)	177(350)	177(350)	177(350)	177(350)
Penetration, at 25°C (77°F) Worked, 60 strokes	325	280	325	280	325	280
Dropping Point, °C(°F)	265(509)	265(509)	265(509)	265(509)	265(509)	265(509)
Four Ball						
Weld Point, kg	500	500	500	500	500	500
Wear, Scar Diameter, mm	0.43	0.43	0.43	0.43	0.43	0.43
Timken OK Load, lb	75	80	70	70	70	70
Load Wear Index, kg	75	75	75	75	75	75
Bearing Water Washout, wt % Loss at 175°F	5	4	5	4	5	4
Water Spray-off, % at 100°F	25	15	25	15	25	15
EMCOR Dynamic Bearing Rust, 10% Synthetic Sea Water, ASTM D 6138	0,0	0,0	0,0	0,0	0,0	0,0
Bearing Rust, 5% Synthetic Sea Water, ASTM D 5969	Pass	Pass	Pass	Pass	Pass	Pass
Bearing Rust, 0.5%						
MgCl ₂ Road De-Icer	Pass	Pass	Pass	Pass	Pass	Pass
CaCl ₂ Road De-Icer	Pass	Pass	Pass	Pass	Pass	Pass
ASTM D 5969						
Lincoln Ventmeter, psig at						
30 s, at						
75°F	250	625	250	510	250	450
30°F	600	1600	600	1700	600	1550
0°F	1720	1800	1720	1800	1720	1725
-22°F	—	—	—	—	—	—
DIN 51805, psi						
68°F (20°C)	0.5	2	0.5	2	0.5	1
32°F (0°C)	2	5	2	4	2	4
-4°F (-20°C)	10	22	10	19	10	20
-22°F	38	max pressure	38	max pressure	38	max pressure
Copper Corrosion	1b	1b	2b	2b	2b	2b
Thickener, %	7.0	13.0	7.0	13.0	7.0	13.0
Type	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
ISO Viscosity Grade Base Oil Equivalent	320	320	320	320	320	320
Viscosity, Kinematic						
cSt at 40°C	383	383	383	383	383	383
cSt at 100°C	25	25	25	25	25	25
Viscosity, Saybolt						
SUS at 100°F	2058	2058	2058	2058	2058	2058
SUS at 210°F	124	124	124	124	124	124
Viscosity Index	85	85	85	85	85	85
Oil Separation, wt%	2	2	2	2	2	2
Flash Point, °C(°F)	274(525)	274(525)	274(525)	274(525)	274(525)	274(525)
Texture	Stringy	Stringy	Stringy	Stringy	Stringy	Stringy
Color	Red	Red	Gray/Black	Gray/Black	Gray/Black	Gray/Black

Delo® Heavy Duty EP greases



Delo®

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Delo® Heavy Duty EP greases are multipurpose, high performance products specially formulated with Chevron ISOSYN® base stocks for the off-road construction and mining industries. This line of grease was specifically designed to lubricate and protect equipment that is subjected to the most demanding of conditions.

The Moly line includes 3% and 5% versions that are engineered to meet the demands of OEM manufacturers that require molybdenum disulfide in the grease to meet required warranty specifications.

CUSTOMER BENEFITS

Delo Heavy Duty EP, Delo Heavy Duty Moly 3% EP and Delo Heavy Duty Moly 5% EP greases deliver value by offering:

- ▶ **Excellent corrosion and wear protection** in severe off-highway heavy duty construction and mining applications
- ▶ **Excellent water resistance** in both submerged and direct pressure spray situations
- ▶ **Excellent shock load protection** through its unique formulation consisting of high viscosity base oils coupled with a customized high performance extreme pressure (EP) additive package
- ▶ **Wide service ranges** including OEM applications where 3% and 5% molybdenum additions are required to meet warranty specifications



APPLICATIONS

Delo® Heavy Duty EP greases are ideal for a wide variety of Off-Road Construction applications across several industries including:

- ▶ Off-Road Construction
- ▶ Surface and Underground Mining and Quarry
- ▶ Agriculture
- ▶ Logging and Timber
- ▶ Heavy Duty On- and Off- Highway Road Construction and Maintenance Vehicles

Note:

- These greases are recommended for applications operating in the temperature range of -26°C to 177°C (-15°F to 350°F). Please see Product Data sheet for further particulars regarding severe cold weather performance.
- Delo Heavy Duty EP greases are not intended for use in high-speed bearing applications such as those found in electric motors due to the greases' high viscosity base stocks formulation. When in doubt, please consult your Chevron representative or OEM maintenance manual for application parameters when considering a switch to these greases.

For complete product specifications and test data results see the Performance Data Sheet GR-36 available from your local Chevron representative.